



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER20070001
Agency Interest No. 1514

Mr. Carlos Arrambide
MeadWestvaco South Carolina, LLC
400 Crosby Road
DeRidder, Louisiana, 70634

RE: Part 70 Operating Permit Modification/Renewal, DeRidder Facility, MeadWestvaco South Carolina, LLC, DeRidder, Beauregard Parish, Louisiana

Dear Mr. Arrambide:

This is to inform you that the permit modification/renewal for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2012, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2007.

Permit No.: 0320-00003-V2

Sincerely,

Chuck Carr Brown Ph.D.
Assistant Secretary
CCB:CMM
cc: US EPA Region VI, Southwest Regional Office

ENVIRONMENTAL SERVICES
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**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**DeRidder Facility
Agency Interest No.: 1514
MeadWestvaco South Carolina, LLC
DeRidder, Beauregard Parish, Louisiana**

I. BACKGROUND

MeadWestvaco Corporation owns and operates an existing tall oil refinery located near DeRidder, Louisiana. On January 30, 2002, Westvaco Corporation became a wholly-owned subsidiary of Mead-Westvaco Corporation. The DeRidder facility operates under Permit No. 0320-00003-V1 issued January 12, 2006. An Administrative Amendment to Permit No. 0320-00003-V1, was issued on February 20, 2006. The facility was issued an Authorization to Construct/Approval to Operate, dated April 22, 2003, for an emissions reduction project, which includes a vent collection system and central control device.

II. ORIGIN

MeadWestvaco South Carolina, LLC submitted an application and Emission Inventory Questionnaire (EIQ) dated November 8, 2006, requesting a modification; and an application and Emission Inventory Questionnaire (EIQ) dated December 29, 2006, requesting a Part 70 permit renewal. Additional information was submitted on May 23, 2007, and July 2, 2007.

III. DESCRIPTION

Refinery Operations

Crude tall oil is shipped to the DeRidder plant in railcars or tank trucks and unloaded into storage tanks. The oil is pumped from storage tanks to feed tanks. Prior to the distillation process, water is removed from the crude tall oil. Distillation is completed in three columns.

Several of the cuts from the distillation column are pumped to storage as intermediates for further processing in other areas of the plant. These include tall oil fatty acid (TOFA), column 3 bottoms (C3B), and rosin. Rosin, TOFA, tall oil light ends, tall oil pitch, and C3B are also stored for sale as final products. Other cuts from the distillation columns are used as fuel in the steam generating boilers at the utilities plant. These co-products include tall oil pitch and tall oil light ends.

Crushed gum or tall oil rosin is fed into a kettle where heat exchanger coils melt the rosin. Molten gum or tall oil rosin is sent to storage prior to being used in the resinate or hard resin production.

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Process water generated in the Refinery area is collected and sent to the oil/water separator to remove the oil. Most of the water is recycled back to the refinery process and a small blowdown stream is sent to the treatment system. The process wastewater from the other process areas is collected and transported to the treatment system via trenches and hard piping. The blowdown from the oil/water separator and wastewater from other areas of the plant is first processed in the primary and secondary skimmer where oil is skimmed from the water surface. The wastewater from the skimmers is sent to the primary treatment and aeration basins where further treatment occurs. Treated water is discharged to the LPDES outfall.

The Refinery Area's Hotwell system is normally vented to the centralized Air Pollution Control System (APCS), which includes the Regenerative Thermal Oxidizer (RTO), Emission Point No. 1-03, and Enclosed Oxidizer Flare (EOF), Emission Point No. 2-03, as a back-up control device. The API Separator unit vents to atmosphere. Fugitive emissions from the refinery area include (1) emissions from the zinc charging system; (2) equipment leaks from the heat transfer system; and (3) product loading into containers/tank cars/railcars. Emissions are considered negligible due to the low vapor pressure of crude tall oil and its fractionated products. The refinery process operates under a vacuum within and near the distillation columns that prevent fugitive emissions.

The refinery expansion project, approved in the previous permit modification, is in progress. MeadWestvaco plans to complete the first and second phases by 2008.

Post Refinery Operations

The Post Refinery area produces flaked resins for the graphic arts industry, paper size for the paper industry and emulsifiers for the rubber industry. The finished products in the Post Refinery area are manufactured by batch operations.

The production of flaked resin is completed in a few basic steps. The rosin is prepared and polymerized to form long chemical chains in the reaction kettle. Produced resin is transferred from the reaction kettle onto a water-cooled belt where the resin is cooled and broken into flakes.

Paper size is produced in a two step process by fortifying rosin and reacting it with different bases. Emulsifiers are produced by disproportioning and saponifying rosin. Other materials produced in the Post Refinery Area include ink oil resin solutions, tall oil fatty acid ester using n-butanol, and resin production using gum rosin.

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Three process kettles are located in the Post Refinery area. Each kettle vents to the Reaction Oil Tank where a common line vents to the centralized Air Pollution Control System (APCS) which includes a Regenerative Thermal Oxidizer (RTO) and an Enclosed Oxidizer/Flare (EOF) (back-up). Other emission points in the Post Refinery area include storage tanks and the heat transfer fluid heater. The dry raw materials' emissions are primarily captured by a dust collector unit and then vent to the APCS. The product flaking system vents to a Rotocclone wet scrubber unit. The Rotocclone wet scrubber captures and controls emissions from the flaker belt's weir box area (hot end). Dust emissions from product flaking and packaging vent to two dust collector (baghouse) control devices. Emissions from the supersacker, supersacker hopper, supersacker conveyor incline, and the conveyor belt junction area all vent to the South Baghouse (EP 3-88). The bagger, bagger hopper, and bagger conveyor incline vent to the North baghouse (EP 3A-88). A saponification vessel, which is primarily used to react rosin intermediates from the kettles with different bases, vents directly to the atmosphere.

Fugitive emissions from the post refinery area include the following (1) equipment leaks from the transfer of volatile material to the kettles, kettle operation, transfer of finished product to storage, and heat transfer fluid; (2) formaldehyde emissions from storage and handling of dry paraformaldehyde; (3) metal and metal oxide addition to batches; and (4) product loading into tank trucks/railcars.

St. John's Hard Resins Area

The St. John's Hard Resins area produces flaked resins using a batch process. The material produced is used primarily in the graphic arts industry. The kettles in the Hard Resins area are used to produce hard resins and rosin hydrocarbon hybrid resins.

For the rosin production process, rosin is prepared and polymerized in kettles to produce long chemical chains. Produced resin is transferred from the reaction kettle onto a water cooled belt where the resin is cooled and broken into flakes. Four process kettles are located in the Hard Resins area. The emissions from each kettle vent to the Reaction Oil vessel where a common line vents to the centralized APCS. The Hard Resin Bagger/Flaker dust collector routes fugitive emissions from the bagger, bagger hopper, supersacker, supersacker hopper, the hood at the end of the cooling belt, the hood on the conveyor incline, and the conveyor belt junction area to two baghouses aligned in series.

In addition to the St. John's Hard Resins process, MeadWestvaco also operates a rosin-hydrocarbon resin process in two of the four Hard Resin process kettles. Off-gases from the process are vented through a condenser/knock-out pot to a flare. Emissions from the flaker belt, bagging and supersacking operations are routed by a dust collection system to a baghouse prior

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to venting to the atmosphere. Other production that may occur in the Hard Resins Area include (1) ink oil resin solutions; (2) tall oil fatty acid (TOFA) esters using n-butanol; and (3) resins using gum rosin.

Fugitive emissions from the Hard Resins area include (1) equipment leaks from the transfer of volatile material to the kettles, kettle operation, transfer of finished product to storage, and from the heat transfer fluid system; (2) formaldehyde emissions from the storage and handling of dry paraformaldehyde; (3) metal and metal oxide addition to batches; (4) product loading into tank truck/railcar; and (5) equipment leaks from the hydrocarbon hard resin process and vent system.

St. John's Resinates Area

Solution resinates are produced in a batch process in the St. John's Resinates area. In the resinates process, reactants (including rosin, fatty acids, and maleic anhydride) are heated in one of reactors. Modifiers, copolymers, and solvent are added to the heated reactants. Finally, a metal oxide slurry is added to cause the reaction that produces the resinates. The process includes solvent recovery. Resinate is filtered and sent to storage tanks or railcars. The filter cake produced from the filtering process is drummed and burned in the hazardous waste boilers. Other production that may occur in the Resinates Area includes (1) ink oil resin solutions, (2) tall oil fatty acid (TOFA) esters using n-butanol, (3) resin using gum rosin, and (4) flaked resinates.

Fugitive emissions from the Resinates Area includes equipment leaks from the transfer of volatile materials, kettle operations, product filtering, and product transfers, and the handling of the filtering material from product filtering. Fugitive emissions from dry product handling and conveying are collected and routed to a baghouse. Solvent laden vapors from the kettles are routed to a condenser, chiller, and then vented to the vent collection header that is routed to the centralized APSC or is vented directly to the centralized APSC. Emissions from the components off the resinates system are routed through the knockout pot to the chiller and then to the centralized APSC or directly to the centralized APSC. Emissions from the resinate storage tanks are routed to the knock-out pot to the chiller and then to the centralized APSC or directly to the APSC.

An additional activity in the Resinates Area is washing the kettles with a tall oil product to remove residual resinate product from the kettle walls. This may be required prior the certain production processes and maintenance activities. Emissions are controlled by the centralized APSC.

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Acrylics Plant

The Acrylics Plant produces acrylic-based emulsion resins and styrenic-acrylic-based hard resins. In the acrylic emulsion batch process, monomers are blended in pre-mix tanks and slowly added to water, catalysts, surfactants, and other additives in the reactor to polymerize the monomer blend. The acrylic polymer emulsion removed from the reactor is filtered and pumped to drums, tote bins, or storage tanks.

For the styrenic-acrylic hard resin process, the monomers are mixed in the monomer make-up tank and pumped to the reactor. The solvent, initiator, and chain transfer agent are mixed in the catalyst make-up tank. The contents of the make-up tanks are pumped continuously to the reactor. The product from the reactor is poured onto a cooling belt where it is flaked and fed into product surge bins. Spent chemicals and solvent are collected from the overhead stream of the flash tank.

The majority of emissions from the acrylics area are controlled by (1) routing to conservation vents, (2) routing to carbon canisters, (3) rerouting loading emissions back into the truck, (4) using sealless pumps, and (5) collecting emissions and routing to the centralized APICS. Additional uncontrolled VOC emissions occur from the three laboratory building vents and equipment leaks from valves, flanges, and/or agitators. Other fugitive emissions are from emulsion product handling and loading into containers/tank trucks, and hard resin handling and packaging. Dust emissions from hard resin product flaking/handling and packaging are routed to a dust collector unit.

Specialty Process Area

MeadWestvaco plans to discontinue production of acrylic-styrenic based products within the Acrylics Plant. Upon its disposition, MeadWestvaco intends to convert the exiting Acrylic Plant manufacturing equipment to the production of tall oil based derivatives (Oil field products, etc.).

Utility Operations

The hazardous fuel blending process and steam generation activities are included in the Utilities area.

MeadWestvaco maintains three identical steam generating boilers rated at 65 MMBTU/hr per boiler. The boilers vent to a common stack through a single electrostatic precipitator (dry

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ESP). The ESP is operated when firing any fuel other than natural gas. The boilers are permitted to fire several fuels. The boilers can fire Fuel Oil No. 6, Fuel Oil No. 2, hazardous waste fuel, tall oil fractions, refinery co-products, non-hazardous waste streams, and natural gas.

To maintain the necessary steam capacity for the plant/site, two of the three boilers are continuously operating.

Hazardous waste fuel (HWF) firing is limited to Boilers No. 2 and 3, and only one boiler is operated on HWF at one time. Each boiler combustion zone is equipped with an continuous oxygen analyzer. In addition, Boilers No. 2 and 3 share a continuous emissions monitoring system (CEMS) for continuously recording carbon monoxide (and oxygen) concentration in the off-gas of whichever boiler is firing hazardous waste fuel.

The boilers are capable of burning a number of fuels including three hazardous wastes that are blended with a nonhazardous component to produce a fuel that is burned for energy recovery. The hazardous waste components are: (1) a filter cake composed of approximately 45 wt.% resinate, 35% toluene, and 20% cellulosic filter aid; (2) a sparge oil waste (characteristic Hazardous waste based on ignitability) from the hydrocarbon hard resin process (off-spec HC-920/921); and (3) overhead by-product from the acrylics process (isopropyl alcohol, dipropylene glycol, and di-propyl-glycol-monomethyl ether).

The hazardous waste fuel is composed of 50% by weight minimum tall oil heads (light ends or lower molecular weight components) or fuel oil, and a maximum of 50% by weight hazardous waste fuels (filter cake, sparge oil / off-spec HC-920/921, acrylics overhead).

The flue gas from all boilers enters a common duct and flows to an electrostatic precipitator (with three fields in series) for particulate removal before exiting to the atmosphere through a 250 foot stack.

MeadWestvaco South Carolina, LLC proposes the following changes:

- Increase the Startup/Shutdown emissions, Emission Point No. 1-03/2-03 SU/SD (Appendix B), to allow for additional downtime from the Hotwell, Emission Point No. 5-95, and additional increase in the number of down time events.
- Increase the 200 HP Hydroblaster Insignificant Activity to up to 500 HP Hydroblaster.
- Change the service of Tank T-215, Emission Point No. 12-92, to include gasoline for temporary emergency use and solvents (diesel, Isopar, etc.). The VOC emissions will increase slightly compared to the currently permitted value.

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- Change the service of Tanks T-203, T-204, T-206; Emission Point Nos. 5-92, 6-92, 8-92, to include solvents (diesel, Isopar, etc.).
- Change the service of Tanks T-65, T-64, T-201, **T-202**, T-205, T-209, T-213, T-214, and T-62; Emission Point Nos. 3-80, 4-80, 3.92, 4-92, 7-92, 9-92, 10-92, 11-92, and 7-94, to include Fuel Oil Products. The VOC emissions will be less than currently permitted.
- Change the service of Tank ST-7, Emission Point No. 10-84, to include Linseed Oil. This new product has no VOC emissions.
- Change the Post Refinery Area Heat Transfer Fluid Storage Tank, Emission Point No. 27-04, to an Insignificant Activity. VOC emissions from this source are less than 0.01 tpy. The vapor pressure of the material meets the Insignificant Activity A3 (<0.5 psia) threshold.
- Add a package boiler to the Steam Generation Boilers CAP, Emission Point No. Steam Boiler Cap. This group source is capped through Condition No. 1 of the Part 70 Specific Conditions in Appendix A. The capped emissions will not change from previous permitted values.

Estimated emissions in tons per year for the facility are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	57.64	57.64	-
SO ₂	124.49	124.55	+0.06
NO _x	153.20	153.20	-
CO	90.64	90.66	+0.02
Total VOC	171.40	171.68	+0.28
Total Reduced Sulfur	4.67	4.69	+0.02
 <u>Toxic Air Pollutants</u>			
Acetaldehyde*	0.02	0.019	-0.001
Acrylic Acid *	0.02	0.018	-0.002
Ammonia	0.09	0.093	+0.003
Benzene *	0.05	0.048	-0.002
Biphenyl *	0.10	0.099	-0.001
Butanol *	0.38	0.375	-0.005
Carbon Disulfide	<0.01	<0.001	-
Carbonyl Sulfide	0.05	0.051	+0.001

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<u>Toxic Air Pollutants</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Catechol*	<0.01	<0.001	-
Ethyl Acrylate *	0.08	0.081	+0.001
Ethylbenzene *	0.04	0.038	-0.002
Formaldehyde *	3.92	3.923	+0.003
Glycol ethers*	-	<0.001	-
Hydrogen Sulfide	1.04	1.044	+0.004
Maleic Anhydride *	0.49	0.485	-0.005
Methanol *	4.67	4.667	-0.003
Methyl Ethyl Ketone *	0.21	0.206	-0.004
Methyl Iodide	0.33	0.330	-
Methyl Methacrylate *	0.12	0.122	+0.002
n-Hexane *	0.19	0.193	+0.003
Naphthalene *	1.47	1.472	+0.002
Nickel	-	-	-
Phenol*	0.03	0.029	-0.001
Styrene *	0.37	0.367	-0.003
Sulfuric Acid	3.86	3.860	-
Toluene *	7.45	7.629	+0.179
2,2,4 Trimethylpentane*	<0.01	0.005	+0.005
Xylene *	0.26	0.260	-
Zinc	4.76	4.768	+0.008

*Included in Total VOC

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IV. TYPE OF REVIEW

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, and New Source Performance Standards (NSPS). National Emission Standards for Hazardous Air Pollutants (NESHAP) and Prevention of Significant Deterioration do not apply.

This facility is a major source of toxic air pollutants (TAPs) for the entire facility as regulated pursuant to LAC 33:III.Chapter 51. MeadWestvaco Corporation received Certificate of Compliance No. 92054 dated November 9, 1995. The Steam Generation Boilers, Emission Point 1-75, use an electrostatic precipitator (ESP) to control the emission of PM₁₀. The Regenerative Thermal Oxidizer (RTO) System, Emission Point No. 1-03, and the Enclosed Flare/ Combustor System, Emission Point No. 2-03, act as a central control device for certain emission points in the St. John's Resinates Area, St John's Hard Resins Area, Acrylics Area, Refinery Area, and the Post Refinery Area. The Department of Environmental Quality approved a Leak Detection and Repair (LDAR) program for control of Biphenyl emissions as MACT on November 1, 1998. The LDAR program is based on the Hazardous Organic NESHAP Subpart H, 40 CFR 63.169 and 63.170. The facility is a "minor source" (area source) of federal Hazardous Air Pollutants (HAPs).

V. CREDIBLE EVIDENCE

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

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VI. PUBLIC NOTICE

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on XXXXXXXX, and in *The Beauregard Daily News*, De Ridder, on XXXXXXXX, and submitted to the Beauregard Parish Library on XXXXXXXX. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on XXXXXXXX. The draft permit was also submitted to US EPA Region VI on XXXXXX.

VII. EFFECTS ON AMBIENT AIR

Dispersion Model(s) Used: <None>

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})

VIII. GENERAL CONDITION XVII ACTIVITIES

1. Acrylics Quench Tank

Release of reactor/vessel gases and/or contents due to safety or emergency conditions (would only occur under extreme conditions). Estimated quantity of material emitted is about 1% of batch weight. Air emissions from the quench vessel estimated to be less than the maximum lb/hr permitted rate for the applicable air pollution control device.

2. St. John's Resinates Quench Tank

Release of reactor/vessel gases and/or contents due to safety or emergency conditions (would only occur under extreme conditions). Estimated quantity of material emitted is about 1% of batch weight. Air emissions from the quench vessel estimated to be less than the maximum lb/hr permitted rate for the applicable air pollution control device.

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3. St. John's Hard Resins Relief Box

Release of reactor/vessel gases and/or contents due to safety or emergency conditions (would only occur under extreme conditions). Estimated quantity of material emitted is about 1% of batch weight. Air emissions from the quench vessel estimated to be less than the maximum lb/hr permitted rate for the applicable air pollution control device.

4. Storage Tanks

Venting through the pressure relief vent (PRV) due to safety or emergency conditions. Maximum lb/hr for tanks based on this type of activity.

5. Control Devices

Opening/cleaning control devices for inspection/ maintenance when source/process is shutdown. Estimated quantity of material emitted is negligible.

6. Tanks/Reactors/Vessels/Railcars/Cargo Tank Trucks

Safety inspection/maintenance of safety equipment (rupture discs, pressure/vacuum relief devices). Estimated quantity of material emitted is negligible or worst case would be the maximum lb/hr calculated for the unit if the unit contains material.

7. Alternate/Backup Control Device on the Acrylic Area Processes

Diverting vent stream to the alternate/backup control device due to safety or emergency conditions; efficiency assumed to be the same as the primary control device.

8. Alternate/Backup Control Device on Boiler House Flare

Diverting vent stream to the alternate/backup control device due to safety or emergency conditions; efficiency assumed to be the same as the primary control device.

9. Carbon Adsorption Units

Opening carbon container for maintenance or removal of carbon. Estimated quantity of material emitted is negligible.

10. Tanks/Containers/Railcars/Cargo Tank Trucks

Opening to measure (gauge) level of material or collect material samples. Estimated quantity of material emitted is negligible or worst case would be the maximum lb/hr calculated for the unit if the unit contains material.

11. Tanks/Containers/Reactors/Vessels/Railcars/Cargo Tank Trucks

Opening/cleaning empty equipment with residual material. Equipment may be washed/cleaned out by hydroblasting or other cleaning techniques. Estimated quantity of material emitted is negligible.

12. Tanks/Containers/Vessels/Reactors

Removal of tank bottoms/sludge from tanks, containers, etc. Estimated quantity of material emitted is negligible for units storing low vapor pressure material (tall oil materials). Estimated quantity of material emitted is considered the maximum lb/hr for units storing high vapor pressure material (toluene, solvent type materials).

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13. Open Top Sumps

Removal of bottoms/sludge from sumps. Estimated quantity of material emitted is negligible. Overall emissions from wastewater treatment system included in Plant-Wide Fugitives.

14. Product/Material Filter Housings

Opening filter housings; cleaning/changing filters; auto filter cleaning system. Based on no special occupational exposure requirements, estimated quantity of material emitted is negligible.

15. Sampling Points associated with tanks/vessels/reactors/process equipment

Product/material sample collection and sample line purging. Based on the relatively low vapor pressure of materials, no special occupational exposure requirements, estimated quantity of material emitted is negligible.

16. Post Refinery Flaker & Bagger Dust Collector

Venting the flaking & bagging activities to only one dust collector (instead of both) because the other is down for maintenance. Emission calculations for these units based on this type of activity.

17. Dust Collectors

Malfunction such as a filter element fallen out of position, torn filter element, etc. Maximum lb/hr from a dust collector based on this type of activity.

18. Wet Scrubbers (Packed Bed & Rotocclone)

Malfunction such as scrubber water pump down, low scrubber water flow, etc. Maximum lb/hr from a wet scrubber based on this type of activity.

19. Boiler House Stack

Malfunction of ESP such as loss of power, etc. Estimated emissions considered the maximum particulate lb/hr calculated for the boiler house stack.

20. Monitoring Equipment/Analyzers

Exhaust/vents from monitoring equipment and analyzers used to monitor vents stream composition. Estimated emissions are negligible based on equipment, gas streams, and sample flow rates.

21. Refinery Heat Exchanger

Cleaning barometric water heat exchangers to prevent plugging/fouling. Estimated quantity of material emitted as VOCs has been calculated to be about 100 lbs/yr. Included in Plant-Wide Fugitives.

22. Tanks/Reactors/Vessels/Railcars/Cargo Tank Trucks

Release of vapors/off gases from safety relief device due to safety or emergency conditions or upset conditions. Estimated quantity of vapors/pollutants estimated to be the maximum lb/hr calculated for the unit and below any Federal or State Reportable Quantity.

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23. Vent Control System and Control Device (RTO and EOF)
Malfunction of the vent control system due to safety or emergency conditions or upset conditions that results in the vent gases diverting from the RTO to the EOF. Estimated quantity of vapors/pollutants emitted is minimal and are accounted for within the emissions calculations for the RTO and EOF.
24. Vent Control System and Control Device (RTO and EOF)
Malfunction of the vent control system due to safety or emergency conditions or upset conditions that results in both control devices shutting down. This results in uncontrolled emissions from a short period of time until the processes/sources can be "bottled-up" (i.e., vents closed) and process pressure be controlled. Estimated quantity of vapors/pollutants emitted is less than the maximum lb/hr calculated for the units and are accounted for within the emissions calculations for the RTO and EOF.
25. Equipment Maintenance (pumps, valves, agitators, heat exchangers, associated lines, etc.)
Maintenance and inspection or repair of plant equipment is performed to maintain reliability and safe operation. Based on procedures to minimize material exposure, nature or materials processed, and that there are no special occupational exposure requirements, estimated quantity of material emitted is negligible.
26. Wastewater Ponds/Impoundments
Removal of sludge from wastewater ponds/impoundments. Estimated quantity of material emitted is negligible. Overall emissions from wastewater treatment system included in Plant-wide Fugitives.
27. Instrument Servicing and Calibration (flow meters, etc.)
Servicing and calibration of plant instruments are performed to maintain reliability and accuracy of the equipment. Minimal quantities of liquid or vapors could be exposed to the environment during purging or cleaning of such instruments in preparation of servicing and calibration. Based on procedures to minimize material exposure, nature of materials processed, and that there are no special occupational exposure requirements, estimated quantity of material emitted is negligible.
28. Equipment Clearing
Process pipe lines are routinely cleared (typically by stream purging) during the course of normal operations. Lines and equipment that route to a control device will typically be controlled by that particular control device during purging. Lines and equipment containing Tall Oil materials, which do not have an associated control device, are typically purged without air pollution control. These emissions are minimal due to the low vapor pressure of tall oil materials. These emissions are included in Plant-wide Fugitives.
29. Temporary Storage
Part of normal operations during turnarounds, startups, shutdowns, or other routine operations, temporary storage may be utilized in existing tanks or temporary tanks such as roll-off boxes, vacuum boxes, vacuum trucks, portable fuel tanks, and frac tanks. Typically, this may include storage of process materials, cleaning chemicals, waste materials, and wastewater. These emissions are minimal due to short term storage and relatively low vapor pressure of the materials.

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

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30. Maintenance Activities

Activities such as parts washing, welding, grinding, cutting, painting, and miscellaneous tasks using lubricants, solvents, degreasers, etc. Estimated quantity of emissions is negligible.

IX. INSIGNIFICANT ACTIVITIES

ID No.:	Description	Operating Rate (Max) or Tank Capacity	Citation
23-75	Tank T-102	2,850 gals	LAC 33:III.501.B.5.A.3
35-75	Tank RS-19E	9,800 gals	LAC 33:III.501.B.5.A.3
35A-75	Tank RS-19W	9,800 gals	LAC 33:III.501.B.5.A.3
36-75	Tank RS-17	7,200 gals	LAC 33:III.501.B.5.A.3
42-75	Tank T-60	4,750 gals	LAC 33:III.501.B.5.A.3
43-75	Tank T-61	9,700 gals	LAC 33:III.501.B.5.A.3
2-87	Tank T-67	6,000 gals	LAC 33:III.501.B.5.A.3
11-87	Tank ST-24	6,300 gals	LAC 33:III.501.B.5.A.3
13-87	Tank ST-20	9,400 gals	LAC 33:III.501.B.5.A.3
20-87	Tank T-112	6,190 gals	LAC 33:III.501.B.5.A.3
4-90	Tank T-66	9,000 gals	LAC 33:III.501.B.5.A.3
2-92	Tank H-5	8,820 gals	LAC 33:III.501.B.5.A.3
1-93	Tank T-16	9,300 gals	LAC 33:III.501.B.5.A.3
2-93	Tank T-39	1,990 gals	LAC 33:III.501.B.5.A.3
5-93	Tank T-110	350 gals	LAC 33:III.501.B.5.A.3
6-93	Tank T-113	350 gals	LAC 33:III.501.B.5.A.3
7-93	Tank T-115	500 gals	LAC 33:III.501.B.5.A.3
8-93	Tank T-116	130 gals	LAC 33:III.501.B.5.A.2

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ID No.:	Description	Operating Rate (Max) or Tank Capacity	Citation
9-93	Tank V-3	300 gals	LAC 33:III.501.B.5.A.3
10-93	Tank X-1	3,000 gals	LAC 33:III.501.B.5.A.3
11-93	Tank X-2	3,000 gals	LAC 33:III.501.B.5.A.3
F-20	Tank F-20	4,700 gals	LAC 33:III.501.B.5.A.3
F-21	Tank F-21	165 gals	LAC 33:III.501.B.5.A.2
H-4	Tank H-4	2,340 gals	LAC 33:III.501.B.5.A.3
T-001-876	Wastewater Tank	1,200 gals	LAC 33:III.501.B.5.A.3
T-38	Tank T-38	1,990 gals	LAC 33:III.501.B.5.A.3
T-106	Tank T-106	3,000 gals	LAC 33:III.501.B.5.A.3
T-118	Tank T-118	2,750 gals	LAC 33:III.501.B.5.A.3
T-121	Tank T-121	3,900 gals	LAC 33:III.501.B.5.A.3
T-123	Tank T-123	5,000 gals	LAC 33:III.501.B.5.A.3
T-207	Tank T-207	8,000 gals	LAC 33:III.501.B.5.A.3
V-14	Tank V-14	890 gals	LAC 33:III.501.B.5.A.3
V-15	Tank V-15	734 gals	LAC 33:III.501.B.5.A.3
VAC-1	Quad Head External Air Vac	50 hp	LAC 33:III.501.B.5.D
-	Acrylics Area Dust Collector	0.001 lb dust/ lb product	LAC 33:III.501.B.5.D
-	St. Johns Wastewater Tank	1,200 gals	LAC 33:III.501.B.5.A.3
12-93	340 hp Diesel Fire Water Pump	2.49 MM BTU/hr	LAC 33:III.501.B.5.D

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ID No.:	Description	Operating Rate (Max) or Tank Capacity	Citation
13-93	330 hp Diesel Fire Water Pump	2.30 MM BTU/hr	LAC 33:III.501.B.5.D
14-93	355 hp Diesel Fire Generator	3.53 MM BTU/hr	LAC 33:III.501.B.5.D
T-208	Tank 208, Sodium Hydroxide Tank	8,000 gals	LAC 33:III.501.B.5.A.4
T-109	Tank T-109, Caustic Solution Tank	2,200 gallons	LAC 33:III.501.B.5.A.4
ST-29A	Tank ST-29A, Caustic Tank	150 gallons	LAC 33:III.501.B.5.A.2
ST-28	Tank ST-28, Water / Caustic Tank	2,240 gallons	LAC 33:III.501.B.5.A.4
V-13	Tank V-13, Caustic Solution Tank	4,000 gallons	LAC 33:III.501.B.5.A.4
V-21A	Tank V-21A, Caustic Tank	50 gallons	LAC 33:III.501.B.5.A.4
T-150	Tank T-150, Caustic Tank	5,076 gallons	LAC 33:III.501.B.5.A.4
T-207	Tank T-207, Ammonium Hyroxide Tank	8,000 gallons	LAC 33:III.501.B.5.A.4
RS-7	Tank RS-7, Caustic, Pot Ash (KOH) Tank	8,820 gallons	LAC 33:III.501.B.5.A.4
RS-8	Tank RS-8, Caustic, Pot Ash (KOH) Tank	8,820 gallons	LAC 33:III.501.B.5.A.4
RS-4	Tank RS-4, Caustic, Pot Ash (KOH) Tank	20,400 gallons	LAC 33:III.501.B.5.A.4
RS-5	Tank RS-5, Caustic, Pot Ash (KOH) Tank	8,820 gallons	LAC 33:III.501.B.5.A.4

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ID No.:	Description	Operating Rate (Max) or Tank Capacity	Citation
RS-6	Tank RS-6, Caustic, Pot Ash (KOH) Tank	8,820 gallons	LAC 33:III.501.B.5.A.4
T-105	Tank T-105, Aluminum Sulfate Solution Tank	5,300 gallons	LAC 33:III.501.B.5.A.4
T-151	Tank T-151, Alum Tank	10,000 gallons	LAC 33:III.501.B.5.A.4
T-122	Tank T-122, Alum Tank	5,000 gallons	LAC 33:III.501.B.5.A.4
P-DPMP	Portable Diesel Pumps (hours depends on horsepower)	280,000 hp-hr/yr	LAC 33:III.501.B.5.D
P-Gen	Portable Generators (hours depends on horsepower)	280,000 hp-hr/yr	LAC 33:III.501.B.5.D
T-ACOMP	Temporary use of a portable diesel fueled air compressor (up to 60 days)	280,000 hp-hr/yr	LAC 33:III.501.B.5.D
P-HB	Portable Hydroblaster (up to 1,500 hr/yr)	500 hp	LAC 33:III.501.B.5.D
-	Wastewater Treatment Chemicals Tanks (four hydrogen peroxide, ferric chloride storage tanks)	10,000 gallons each	LAC 33:III.501.B.5.A.4
V-L Vents	Oleo Quality Assurance Laboratory	N/A	LAC 33:III.501.B.5.A.6
27-04	Storage Tanks, Heat Transfer Fluid (Hot Oil), Post-Refinery Area	5,000 gallons	LAC 33:III.501.B.5.A.3

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ID No.:	Description	LAC 33:III.Chapter																
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56
UNF 1	Facility	1	1	1						1				1	1	1	1	1
EQT 14	10-04 Finished Product Tank, Asphalt Emulsion Products, Post-Refinery					2	3											
EQT 15	1-01 St. Johns Heater – Transfer Oil Heater No. 2		1	1	2										2			
EQT 16	1-03 Regenerative Thermal Oxidizer (RTO) System		1	1	2										1			
EQT 17	1-03/2-03 SU/SD Regenerative Thermal Oxidizer Unit (RTO) and Enclosed Oxidizer/Flare Unit (EOF) –(Start Up/Shut Down)		1	1	2	1												
EQT 18	1-04 Crude Tall Oil Storage Tank, Refinery													2	3			
EQT 19	10-75 Tank T-18, CTO Feed Tank, Refinery													3				
EQT 20	10-84 ST-7, Aromatic 150 Storage Tank, Hard Resins													3			1	

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ID No.:	Description	LAC 33:III.Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 21	10-87 ST-23, Reclaimed Solvent / Butanol Tank, Resinates																		
EQT 22	10-92 T-213, Monomer Storage Tank, Acrylics																		
EQT 23	10-95 RS-12, Crude Tall Oil / Tall Oil Fractions Storage, Refinery																		
EQT 24	11-04 Raw Material Tanks, Asphalt Emulsions, Post Refinery																		
EQT 25	11-75 Tank T-19, CTO Feed Tank, Refinery																		
EQT 26	11-84 ST-8, HC-920 Storage, Hard Resins																		1
EQT 27	11-92 T-214, Dowanol DPM Storage Tank, Acrylics																		
EQT 28	11-95 RS-13, Crude Tall Oil/Tall Oil Fractions Storage, Refinery																		
EQT 29	12-04 Raw Material Tanks, Asphalt Emulsions, Post Refinery																		

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ID No.:	Description	LAC 33:III.Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 30	12-75 Tanks T-20 through T-31, Tall Oil Fractions, Refinery						2	3											
EQT 31	12-84 ST-9, Lactol Spirits Resinates						3												
EQT 32	12-87 ST-25, C3B / Rosin / Gum Rosin Tank, Refinery						2	3							1				
EQT 33	12-92 T-215, Isopropyl Alcohol Storage Tank, Acrylics						1												
EQT 34	12-95 Melter Kettle						3								3				
EQT 35	13-04 Styrene Raw Material Storage Tank, Acrylics Plant														3				
EQT 36	13-75 Tanks T-40 through T-49, Tall Oil Fractions, Refinery														2	3			
EQT 37	13-84 ST-10, Rotoslove, Resinates														3				
EQT 38	13-92 Refinery Oil/Water Separator Unit														2		3		
EQT 39	13-95 Melter Kettle														3		2		

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ID No.:	Description	LAC 33:III.Chapter																
		5'	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56
EQT 40	14-04 Methyl Methacrylate Raw Material Storage Tank, Acrylics Plant																	
EQT 41	14-84 ST-11, Reclaimed Solvent Tank, Resinates																	
EQT 42	14-87 Tank A-4, Fatty Acid Storage Tank																	2
EQT 43	14-92 Cooling Tower																	
EQT 44	15-04 Ethylhexyl Acrylate Raw Material Storage Tank, Acrylics																	
EQT 45	15-84 ST-12, Reclaimed Solvent Tank, Resinates																	
EQT 46	15-87 V-11, Saponification Tank, Post Refinery																	1
EQT 47	15-93 Rosin Product Storage Tank RS-21, Refinery																	1
EQT 48	16-04 Acrylic Emulsion Product Storage Tank, Acrylics																	

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III:Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 49	16-84 ST-13, Reclaimed Solvent Tank, Resinates																		
EQT 50	16-87 ST-22, Rosin / Rosin Products Tank, Resinates																		1
EQT 51	16-93 T-211, Acrylic Emulsion Storage Tank, Acrylics																		
EQT 52	17-04 Acrylic Emulsion Product Storage Tank, Acrylics																		
EQT 53	1-75 Steam Generation Boilers																		2
EQT 54	17-84 ST-14, Reclaimed Solvent Tank, Hard Resins																		
EQT 55	17-93 T-212, Acrylic Emulsion Storage Tank, Acrylics																		
EQT 56	1-80 Refinery Heater No. 2 – Transfer Oil Heater																		2
EQT 57	18-04 Acrylic Emulsion Product Storage Tank, Acrylics																		3
EQT 58	1-84 St. Johns Heater – Transfer Oil Heater No. 1																		2

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ID No.:	Description	LAC 33:III.Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 59	18-75 Tank L-6, Tall Oil Fractions, Refinery						2	3											
EQT 60	1-88 ST-26, Resinate / Toluene / Reclaimed Solvent Tank, Resinates								1										
EQT 61	18-87 T-79, Hazardous Waste Fuel Blend Tank, Utilities									1					1				
EQT 62	1-89 ST-15, Reclaimed Solvent Tank, Resinates										3								
EQT 63	18-93 T-216, Acrylic Emulsion Storage Tank, Acrylics										3								
EQT 64	19-04 Acrylic Emulsion Product Storage Tank, Acrylics Plant										3								
EQT 65	1-95 L-1, Printing Ink Oil Tank, Resinates										3				1				
EQT 66	1-97 Boiler House Flare						3	1	2						2				
EQT 67	19-75 Tank L-7, Tall Oil Fractions, Refinery									2	3				1				
EQT 68	19-87 T-78, Hazardous Waste Fuel Feed Tank, Utilities									2	1				1				

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ID No.:	Description	LAC 33:III.Chapter																
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56
EQT 69	20-04 Acrylic Emulsion Product Storage Tank, Acrylics						3											
EQT 70	2-03 Enclosed Flare / Combustor System		1			2		1							1			
EQT 71	2-04 Crude Tall Oil Storage Tank					2		3							1			
EQT 72	20-84 ST-18, Rosin Storage Tank, Hard Resins					2		3							1			
EQT 73	21-04 Acrylic Emulsion Product Storage Tank, Acrylics						3											
EQT 74	21-84 ST-19, St. John's Maleic Anhydride Tank, Hard Resins						3											
EQT 75	21-87 T-69, Rosin / Rosin Products, Ink Oil / Ink Oil Products, Fatty Acid Product, Post Refinery						2		3						1			
EQT 76	22-04 Acrylic Emulsion Product Tank, Acrylics						3											
EQT 77	22-75 Tank T-103, Unleaded Gasoline, Utilities						1								2			

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ID No.:	Description	LAC 33:III Chapter																
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56
EQT 78	23-04 Acrylic Emulsion Product Blend Tank, Acrylics																	
EQT 79	24-04 Acrylic Emulsion Product Drop Tank, Acrylics																	
EQT 80	25-04 Acrylic Emulsion Pre-Mix Vessel, Acrylics																	
EQT 81	26-04 Acrylics Emulsion Presolution Mix Tank, Acrylics																	
EQT 83	2-75 Refinery Heater No. 1				1	1	2									2		
EQT 84	28-04 Storage Tanks, Rosin, Post-Refinery Area																	
EQT 85	2-84 Hard Resin Flaker / Bagger Dust Collector																	

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ID No.:	Description	LAC 33:III:Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 86	2-88 ST-27, Reclaimed Solvent Tank, Resinates																		
EQT 87	2-89 ST-16, Reclaimed Solvent Tank, Resinates																		
EQT 88	29-04 Storage Tanks, Rosin, Post-Refinery																		
EQT 89	2-92 Tank H-5, Rosin Storage Tank																		
EQT 90	2-94 Resinate Raw Materials Dust Collector																		
EQT 91	2-95 L-2, Printing Ink Oil Tank, Resinates																		
EQT 92	2B-84 Hard Resins Flaker Wier Box Hood																		

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ID No.:	Description	LAC 33:III.Chapter																
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56
EQT 93	30-04 Storage Tanks, Maleic Anhydride, Post- Refinery																	
EQT 94	3-04 Refinery Heater No. 1A				1	1	2											
EQT 95	31-04 Storage Tanks, Nonylphenol, Post-Refinery Area																	
EQT 96	32-04 Storage Tanks, LRO-90, Post-Refinery Area																	
EQT 97	33-04 Storage Tanks, DCPD, Post-Refinery Area																	
EQT 98	34-04 Storage Tanks, HC-920, Post-Refinery Area																	
EQT 99	35-04 Storage Tanks, Tall Oil Materials, Post-Refinery Area																	

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ID No.:	Description	LAC 33:III.Chapter																
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56
EQT 100	36-04 Storage Tanks, Tall Oil Materials, Post-Refinery Area																	
EQT 101	3-80 T-65, Rosin / Rosin Products Storage Tank, Post Refinery																	
EQT 102	38-75 Tank STO 1, Tall Oil Fractions, Tall Oil Wastewater																	
EQT 103	3-88 Post Refinery Flaker Dost Collector																	
EQT 104	3-90 T-68, Post Refinery Maleic Anhydride Tank, Post Refinery																	
EQT 105	3-92 T-201, Monomer Storage Tank Acrylics																	
EQT 106	3-93 T-63, Rosin / Rosin Products, Ink Oil / Ink Oil Products, Amines, Fatty Acid Products																	

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ID No.:	Description	LAC 33:III.Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 107	3-94 HC H.R. / Resinate Quench Tank						2	3											
EQT 108	3-95 L-3, Printing Ink Oil Tank, Resinates																		
EQT 109	39-75 Tank STO 2, Tall Oil Fractions, Tall Oil Wastewater, Refinery																		1
EQT 110	3A-88 Post Refinery Bagger Dust Collector																		
EQT 111	3B-88 Rotoclone on North and South Flaker Belt Weir Box																		
EQT 112	4-04 Resins Heater No. 3																		
EQT 113	40-75 Tank STO 3, Acrylics Plant Wastewater, Acrylics																	3	

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ID No.:	Description	LAC 33:III.Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 114	44-75 Tank T-70, Reaction Oil / Tall Oil Fractions, Utilities																		
EQT 115	4-75 Tank T-1, Crude Tall Oil, Refinery																		
EQT 116	47-75 Tank T-75, Reaction Oil / Tall Oil Fractions, Utilities																		
EQT 117	4-80 T-64, Rosin / Rosin Products Tank, Post Refinery																		
EQT 118	4-84 ST-1, Resinate Tank, Resinates																		
EQT 119	48-75 Tank T-76, Reaction Oil / Tall Oil Fractions Utilities																		
EQT 120	4-88 RS-20, Rosin Storage Tank, Refinery																		

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 121	4-92 T-202, Monomer Storage Tank Acrylics																		
EQT 122	4-93 T-74, Tall Oil Fractions or Reaction Oil, Boiler House																		
EQT 123	4-94 Tank ST-6, Dicyclopentadiene Storage Tank																		
EQT 124	4-95 L-4, Printing Ink Oil Tank, Resinates																		
EQT 125	5-04 Resin Packagine (Flaker / Bagger) Dust Collector No. 2																		
EQT 126	5-75 Tank T-5, Crude Tall Oil, Refinery																		
EQT 127	5-84 ST-2, Resinate Tank, Resinates																		

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DeRidder Facility
Agency Interest No.: 1514
MeadWestvaco South Carolina, LLC
DeRidder, Beauregard Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 128	5-90 Post Refinery Heater – Transfer Oil Heater			1	1	2										2			
EQT 129	5-92 T-203, Monomer Storage Tank, Acrylics						3												
EQT 130	5-94 T-58, Rosin/Rosin Products and Intermediates, Ink Oils/Resin Solutions, Post Refinery							2	3						1				
EQT 131	5-95 Refinery Hotwell, Refinery							2	3							2			
EQT 132	6-04 Rotoclone on Resins Flaker Belt Weir Box No. 2						1												
EQT 133	6-75 Tank T-6, Crude Tall Oil, Refinery									2	3								
EQT 134	6-84 ST-3, Resinate Tank, Resinates									1									

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ID No.:	Description	LAC 33:III.Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 135	6-92 T-204, Monomer Storage Tank, Acrylics					3													
EQT 136	6-94 T-59, Rosin / Rosin Products and Intermediates, Ink Oils / Resin Solutions, Post Refinery					2	3								1				
EQT 137	7-04 Regenerative Thermal Oxidizer (RTO) No. 2			1	1	2								2					
EQT 138	7-75 Tank T-2, Crude Tall Oil, Refinery					2	3												
EQT 139	7-84 ST-4, Toluene Tank, Resinates					3													
EQT 140	7-87 RS-2, Crude Tall Oil / Tall Oil Fractions Storage, Refinery									2	3								
EQT 141	7-92 T-205 Styrene / Acrylic Monomer Storage Tank										3								

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ID No.:	Description	LAC 33:III.Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 142	7-94 T-62, Rosin / Rosin Products Storage Tank, Post Refinery				2	3													
EQT 143	7-95 Refinery Hot Well Tank, Refinery				2	3													1
EQT 144	8-04 Flare Unit No. 2						2												1
EQT 145	8-75 Tank T-3, Crude Tall Oil, Refinery						2	3											
EQT 146	8-84 ST-5, Petroleum Distillate, Hard Resins						3												
EQT 147	8-87 RS-3, Crude Tall Oil / Tall Oil Fractions Storage, Refinery						2	3											
EQT 148	8-92 T-206, Monomer Storage Tank, Acrylics						3												

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ID No.:	Description	LAC 33:III.Chapter																
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56
EQT 149	8-95 RS-10, Crude Tall Oil / Tall Oil Fractions Storage, Refinery					2	3											
EQT 150	9-04 Finished Product Tank Asphalt Emulsion Products					2	3											
EQT 151	9-75 Tank T-4, Crude Tall Oil, Refinery					2	3											
EQT 152	9-87 ST-21, Toluene Wash Tank, Resinate							3										
EQT 153	9-92 T-209, Monomer Storage Tank Acrylics								3									
EQT 154	9-95 RS-11, Crude Tall Oil / Tall Oil Fractions Storage, Refinery								2	3								
EQT 155	CFA ZINC CFA Zinc Tank									2	3							

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ID No.:	Description	LAC 33:III.Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 156	DTA Drop Tank A																		
EQT 157	DTA Drop Tank B																		
EQT 158	F-1 Tank F-1																		
EQT 159	F-2 Tank F-2																		
EQT 160	F-3 Tank F-3																		
EQT 161	F-4 Tank F-4																		
EQT 162	F-6 Tank F-6																		

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 163	H-6 Tank H-6, Reaction Oil Storage Tank																		
EQT 164	H-7 Tank H-7, Rosin Storage Tank																		
EQT 165	Resin Drain Tank Resinate Storage Tank																		
EQT 166	RS-1 Tank RS-1, Pitch Storage Tank																		
EQT 167	ST-X1 Tank ST-X1, n-Butanol Storage Tank																		
EQT 168	T-80-731 TK-80, Ink Oil / Resin Solution Storage Tank																		
EQT 169	T-81-731 TK-81, Ink Oil Storage Tank																		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**DeRidder Facility****Agency Interest No.: 1514****MeadWestvaco South Carolina, LLC****DeRidder, Beauregard Parish, Louisiana****X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	LAC 33:III.Chapter																
		5	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56
EQT 170	T-82-731 TK-82, Ink Oil Storage Tank																	
EQT 171	T-83-731 TK-83, Ink Oil Storage Tank																	
EQT 172	TK-A Slurry TK-A (Resinates)																	
EQT 173	TK-B Slurry TK-B (Resinates)																	
EQT 174	TK-C Slurry TK-C (Resinates)																	
EQT 175	V-1 Tank V-1, Toluene / Reclaim Solvent / H2O Separ Tank																	
EQT 176	V-113 Tank V-113, Acrylic Organic Storage Tank																	

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X. **Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	LAC 33:III.Chapter																	
		5 ¹	9	11	13	15	2103	2107	2109	2111	2113	2115	2153	22	29*	51*	53*	56	59*
EQT 177	V-2 Tank V-2, Toluene / Reclaim Solvent Separation Tank					3													
EQT 178	PBLR Package Bolier			1	1	1													
FUG 2	46-75 Fugitive Emissions – Plant Wide						1					1			1				

* The regulations indicated above are State Only regulations.

¹ LAC 33:III.C.6 citations are federally enforceable except when it specifically states that the regulation is State Only.

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR					
		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	A	F	G	H	Q	Y	EEE	FFFF	64	68	82			
UNF 1	Facility	1							1	1	1									3	1				
EQT 14	10-04 Finished Product Tank, Asphalt Emulsion Products, Post- Refinery																								
EQT 15	1-01 St. Johns Heater – Transfer Oil Heater No. 2																								
EQT 16	1-03 Regenerative Thermal Oxidizer (RTO) System																								
EQT 17	1-03/2-03 SU/SD Regenerative Thermal Oxidizer Unit (RTO) and Enclosed Oxidizer/Flare Unit (EOF) – (Start Up/Shut Down)																								
EQT 18	1-04 Crude Tall Oil Storage Tank, Refinery																								
EQT 19	10-75 Tank T-18, CTO Feed Tank, Refinery																								

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		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	F	G	H	Q	Y	EEE	FFFF	64	68	82	
EQT 20	10-84 ST-7, Aromatic 150 Storage Tank, Hard Resins								3													
EQT 21	10-87 ST-23, Reclaimed Solvent / Butanol Tank, Resinates																					
EQT 22	10-92 T-213, Monomer Storage Tank, Acrylics									3												
EQT 23	10-95 RS-12, Crude Tall Oil / Tall Oil Fractions Storage, Refinery										3											
EQT 24	11-04 Raw Material Tanks, Asphalt Emulsions, Post Refinery											3										
EQT 25	11-75 Tank T-19, CTO Feed Tank, Refinery											3										
EQT 26	11-84 ST-8, HC-920 Storage, Hard Resins											3										
EQT 27	11-92 T-214, Dowanol DPM Storage Tank, Acrylics											3										
EQT 28	11-95 RS-13, Crude Tall Oil/Tall Oil Fractions Storage, Refinery											3										
EQT 29	12-04 Raw Material Tanks, Asphalt Emulsions, Post Refinery											3										

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ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR			
		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	A	F	G	H	Q	Y	EEE	FFF	64	68	82	
EQT 30	12-75 Tanks T-20 through T-31, Tall Oil Fractions, Refinery																						
EQT 31	12-84 ST-9, Lactol Spirits, Resinates																						
EQT 32	12-87 ST-25, C3B / Rosin / Gum Rosin Tank, Refinery																						
EQT 33	12-92 T-215, Isopropyl Alcohol Storage Tank, Acrylics																						
EQT 34	12-95 Melter Kettle																						
EQT 35	13-04 Styrene Raw Material Storage Tank, Acrylics Plant																						
EQT 36	13-75 Tanks T-40 through T-49, Tall Oil Fractions, Refinery																						
EQT 37	13-84 ST-10, Rotoslove, Resinates																						
EQT 38	13-92 Refinery Oil/Water Separator Unit																						
EQT 39	13-95 Melter Kettle																						

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ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR		
		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	A	F	G	H	Q	Y	EEE	FFFF	64	68	82
EQT 40	14-04 Methyl Methacrylate Raw Material Storage Tank, Acrylics																					
EQT 41	14-84 ST-11, Reclaimed Solvent Tank, Resinates																					
EQT 42	14-87 Tank A-4, Fatty Acid Storage Tank																					
EQT 43	14-92 Cooling Tower																	3				
EQT 44	15-04 Ethylhexyl Acrylate Raw Material Storage Tank, Acrylics																					
EQT 45	15-84 ST-12, Reclaimed Solvent Tank, Resinates																					
EQT 46	15-87 V-11, Saponification Tank, Post Refinery																					
EQT 47	15-93 Rosin Product Storage Tank RS-21, Refinery																					
EQT 48	16-04 Acrylic Emulsion Product Storage Tank, Acrylics																					
EQT 49	16-84 ST-13, Reclaimed Solvent Tank, Resinates																	3				

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ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR			
		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	A	F	G	H	Q	Y	EEE	FFFF	64	68	82	
EQT 50	16-87 ST-22, Rosin / Rosin Products Tank, Resinates																						
EQT 51	16-93 T-211, Acrylic Emulsion Storage Tank, Acrylics																						
EQT 52	17-04 Acrylic Emulsion Product Storage Tank, Acrylics																						
EQT 53	1-75 Steam Generation Boilers	3																		1		1	
EQT 54	17-84 ST-14, Reclaimed Solvent Tank, Hard Resins																						
EQT 55	17-93 T-212, Acrylic Emulsion Storage Tank, Acrylics																						
EQT 56	1-80 Refinery Heater No. 2 – Transfer Oil Heater		3																				
EQT 57	18-04 Acrylic Emulsion Product Storage Tank, Acrylics																						
EQT 58	1-84 St. Johns Heater – Transfer Oil Heater No. 1									3													
EQT 59	18-75 Tank L-6, Tall Oil Fractions, Refinery										3												

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ID No.:	Description	40 CFR 60 NSPS				40 CFR 61				40 CFR 63 NESHAP				40 CFR								
		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	A	F	G	H	Q	Y	EEE	FFFF	64	68	82
EQT 60	1-88 ST-26, Resinate / Toluene / Reclaimed Solvent Tank, Resinates								3													
EQT 61	18-87 T-79, Hazardous Waste Fuel Blend Tank, Utilities								3													
EQT 62	1-89 ST-15, Reclaimed Solvent Tank, Resinates								3													
EQT 63	18-93 T-216, Acrylic Emulsion Storage Tank, Acrylics								3													
EQT 64	19-04 Acrylic Emulsion Product Storage Tank, Acrylics Plant								3													
EQT 65	1-95 L-1, Printing Ink Oil Tank, Resinates								3													
EQT 66	1-97 Boiler House Flare																					
EQT 67	19-75 Tank L-7, Tall Oil Fractions, Refinery								3													
EQT 68	19-87 T-78, Hazardous Waste Fuel Feed Tank, Utilities								3													
EQT 69	20-04 Acrylic Emulsion Product Storage Tank, Acrylics								3													

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ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR		
		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	A	F	G	H	Q	Y	EEE	FFF	64	68	82
EQT 70	2-03 Enclosed Flare / Combustor System																					1
EQT 71	2-04 Crude Tall Oil Storage Tank	3																				
EQT 72	20-84 ST-18, Rosin Storage Tank, Hard Resins	3																				
EQT 73	21-04 Acrylic Emulsion Product Storage Tank, Acrylics	3																				
EQT 74	21-84 ST-19, St. John's Maleic Anhydride Tank, Hard Resins	3																				
EQT 75	21-87 T-69, Rosin / Rosin Products, Ink Oil / Ink Oil Products, Fatty Acid Product, Post Refinery	3																				
EQT 76	22-04 Acrylic Emulsion Product Tank, Acrylics	3																				
EQT 77	22-75 Tank T-103, Unleaded Gasoline, Utilities	3																				
EQT 78	23-04 Acrylic Emulsion Product Blend Tank, Acrylics	3																				
EQT 79	24-04 Acrylic Emulsion Product Drop Tank, Acrylics	3																				

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		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	A	F	G	H	Q	Y	EEE	FFFF	64	68	82
EQT 80	25-04 Acrylic Emulsion Pre-Mix Vessel, Acrylics								3													
EQT 81	26-04 Acrylics Emulsion Presolution Mix Tank, Acrylics								3													
EQT 83	2-75 Refinery Heater No. 1																					
EQT 84	28-04 Storage Tanks, Rosin, Post-Refinery Area								3													
EQT 85	2-84 Hard Resin Flaker / Bagger Dust Collector																					
EQT 86	2-88 ST-27, Reclaimed Solvent Tank, Resinates									3												
EQT 87	2-89 ST-16, Reclaimed Solvent Tank, Resinates									3												
EQT 88	29-04 Storage Tanks, Rosin, Post-Refinery										3											
EQT 89	2-92 Tank H-5, Rosin Storage Tank																					
EQT 90	2-94 Resinate Raw Materials Dust Collector																					

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		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	A	F	G	H	Q	Y	EEE	FFFF	64	68	82	
EQT 91	2-95 L-2, Printing Ink Oil Tank, Resinates																						
EQT 92	2B-84 Hard Resins Flaker Wier Box Hood																						
EQT 93	30-04 Storage Tanks, Maleic Anhydride, Post- Refinery																						
EQT 94	3-04 Refinery Heater No. 1A								1														
EQT 95	31-04 Storage Tanks, Nonylphenol, Post-Refinery Area																						
EQT 96	32-04 Storage Tanks, LRO-90, Post-Refinery Area																						
EQT 97	33-04 Storage Tanks, DCPD, Post-Refinery Area																						
EQT 98	34-04 Storage Tanks, HC-920, Post-Refinery Area																						
EQT 99	35-04 Storage Tanks, Tall Oil Materials, Post-Refinery Area																						
EQT 100	36-04 Storage Tanks, Tall Oil Materials, Prost-Refinery Area																						

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		A	Dc	Ka	Kb	GG	VV	YY	A	M	FF	F	G	H	Q	Y	EEE	FFFF	64	68	82	
EQT 101	3-80 T-65, Rosin / Rosin Products Storage Tank, Post Refinery								3													
EQT 102	38-75 Tank STO 1, Tall Oil Fractions, Tall Oil Wastewater								3													
EQT 103	3-88 Post Refinery Flaker Dost Collector																					
EQT 104	3-90 T-68, Post Refinery Maleic Anhydride Tank, Post Refinery								3													
EQT 105	3-92 T-201, Monomer Storage Tank Acrylics									3												
EQT 106	3-93 T-63, Rosin / Rosin Products, Ink Oil / Ink Oil Products, Amines, Fatty Acid Products									3												
EQT 107	3-94 HC H.R. / Resinate Quench Tank										3											
EQT 108	3-95 L-3, Printing Ink Oil Tank, Resinates										3											
EQT 109	39-75 Tank STO 2, Tall Oil Fractions, Tall Oil Wastewater, Refinery										3											

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		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	A	F	G	H	Q	Y	EEE	FFFF	64	68	82	
EQT 110	3A-88 Post Refinery Bagger Dust Collector																						
EQT 111	3B-88 Rotoclone on North and South Flaker Belt Weir Box																						
EQT 112	4-04 Resins Heater No. 3								1														
EQT 113	40-75 Tank STO 3, Acrylics Plant Wastewater, Acrylics																	3					
EQT 114	44-75 Tank T-70, Reaction Oil / Tall Oil Fractions, Utilities																	3					
EQT 115	4-75 Tank T-1, Crude Tall Oil, Refinery																	3					
EQT 116	47-75 Tank T-75, Reaction Oil / Tall Oil Fractions, Utilities																	3					
EQT 117	4-80 T-64, Rosin / Rosin Products Tank, Post Refinery																	3					
EQT 118	4-84 ST-1, Resinate Tank, Resinates																	3					
EQT 119	48-75 Tank T-76, Reaction Oil / Tall Oil Fractions Utilities																	3					

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EQT 120	4-88 RS-20, Rosin Storage Tank, Refinery																						
EQT 121	4-92 T-202, Monomer Storage Tank, Acrylics																						
EQT 122	4-93 T-74, Tall Oil Fractions or Reaction Oil, Boiler House																						
EQT 123	4-94 Tank ST-6, Dicyclopentadiene Storage Tank																						
EQT 124	4-95 L-4, Printing Ink Oil Tank, Resinates																						
EQT 125	5-04 Resin Packagine (Flaker / Bagger) Dust Collector No. 2																						
EQT 126	5-75 Tank T-5, Crude Tall Oil, Refinery																						
EQT 127	5-84 ST-2, Resinate Tank, Resinates																						
EQT 128	5-90 Post Refinery Heater – Transfer Oil Heater																						
EQT 129	5-92 T-203, Monomer Storage Tank, Acrylics																						

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		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	F	G	H	Q	Y	EEE	FFFF	64	68	82		
EQT 130	5-94 T-58, Rosin/Rosin Products and Intermediates, Ink Oils/Resin Solutions, Post Refinery																						
EQT 131	5-95 Refinery Hotwell, Refinery																						
EQT 132	6-04 Rotoclone on Resins Flaker Belt Weir Box No. 2																						
EQT 133	6-75 Tank T-6, Crude Tall Oil, Refinery																						
EQT 134	6-84 ST-3, Resinate Tank, Resinates																						
EQT 135	6-92 T-204, Monomer Storage Tank, Acrylics																						
EQT 136	6-94 T-59, Rosin / Rosin Products and Intermediates, Ink Oils / Resin Solutions, Post Refinery																						
EQT 137	7-04 Regenerative Thermal Oxidizer (RTO) No. 2																				1		
EQT 138	7-75 Tank T-2, Crude Tall Oil, Refinery																						

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Agency Interest No.: 1514
MeadWestvaco South Carolina, LLC
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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR		
		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	A	F	G	H	Q	Y	EEE	FFFF	64	68	82
EQT 139	7-84 ST-4, Toluene Tank, Resinates								3													
EQT 140	7-87 RS-2, Crude Tall Oil / Tall Oil Fractions Storage, Refinery								3													
EQT 141	7-92 T-205 Styrene / Acrylic Monomer Storage Tank								3													
EQT 142	7-94 T-62, Rosin / Rosin Products Storage Tank, Post Refinery								3													
EQT 143	7-95 Refinery Hot Well Tank, Refinery																					
EQT 144	8-04 Flare Unit No. 2																		1			
EQT 145	8-75 Tank T-3, Crude Tall Oil, Refinery									3												
EQT 146	8-84 ST-5, Petroleum Distillate, Hard Resins										3											
EQT 147	8-87 RS-3, Crude Tall Oil / Tall Oil Fractions Storage, Refinery										3											
EQT 148	8-92 T-206, Monomer Storage Tank, Acrylics										3											

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR					
		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	A	F	G	H	Q	Y	EEE	FFFF	64	68	82			
EQT 149	8-95 RS-10, Crude Tall Oil / Tall Oil Fractions Storage, Refinery								3																
EQT 150	9-04 Finished Product Tank Asphalt Emulsion Products								3																
EQT 151	9-75 Tank T-4, Crude Tall Oil, Refinery								3																
EQT 152	9-87 ST-21, Toluene Wash Tank, Resinate								3																
EQT 153	9-92 T-209, Monomer Storage Tank, Acrylics								3																
EQT 154	9-95 RS-11, Crude Tall Oil / Tall Oil Fractions Storage, Refinery								3																
EQT 155	CFA ZINC CFA Zinc Tank								3																
EQT 156	DTA Drop Tank A									3															
EQT 157	DTA Drop Tank B									3															
EQT 158	F-1 Tank F-1									3															

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 63 NESHAP						40 CFR								
		A	Dc	Ka	Kb	GG	VV	YY	A	M	FF	A	F	G	H	Q	Y	EEE	FFFF	64	68	82
EQT 159	F-2 Tank F-2																					
EQT 160	F-3 Tank F-3																					
EQT 161	F-4 Tank F-4																					
EQT 162	F-6 Tank F-6																					
EQT 163	H-6 Tank H-6, Reaction Oil Storage Tank																					
EQT 164	H-7 Tank H-7, Rosin Storage Tank																					
EQT 165	Resin Drain Tank Resinate Storage Tank																					
EQT 166	RS-1 Tank RS-1, Pitch Storage Tank																					
EQT 167	ST-X1 Tank ST-X1, n-Butanol Storage Tank																					
EQT 168	T-80-731 TK-80, Ink Oil / Resin Solution Storage Tank																					

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR		
		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	F	G	H	Q	Y	EEE	FFFF	64	68	82	
EQT 169	T-81-731 TK-81, Ink Oil Storage Tank								3													
EQT 170	T-82-731 TK-82, Ink Oil Storage Tank								3													
EQT 171	T-83-731 TK-83, Ink Oil Storage Tank								3													
EQT 172	TK-A Slurry TK-A (Resinates)								3													
EQT 173	TK-B Slurry TK-B (Resinates)								3													
EQT 174	TK-C Slurry TK-C (Resinates)								3													
EQT 175	V-1 Tank V-1, Toluene / Reclaim Solvent / H2O Separ Tank								3													
EQT 176	V-113 Tank V-113, Acrylic Organic Storage Tank								3													
EQT 177	V-2 Tank V-2, Toluene / Reclaim Solvent Separation Tank								3													
EQT 178	PBLR Package Boiler								1													

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR		
		A	Dc	Ka	Kb	GG	VV	YYY	A	M	FF	A	F	G	H	Q	Y	EEE	FFFF	64	68	82
FUG 2	46-75 Fugitive Emissions – Plant Wide							3														

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes	Notes
Facility wide	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.	
	Emission Standards for SO ₂ [LAC 33:III.1513]	EXEMPT – The facility emits less than 250 tons per year of SO ₂ .	
	Chemical Accident Provisions [40 CFR 68]	DOES NOT APPLY. Administrative controls keep storage quantities below 40 CFR 68 applicability.	
9-04, 10-04, 11-04, 12-04	Emission Standards for Sulfur Dioxide [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.	
Finished Product Tank Asphalt Emulsion Products; Finished Product Tank, Asphalt Emulsion Products, Post Refinery; Raw Material Tanks, Asphalt Emulsions, Post Refinery	Storage of Volatile Organic Compounds [LAC 33:III.2103.B]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.	
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage Vessel has a capacity greater than 19,813 gals but less than 39,626 gals with a max vapor pressure less than 15 kPa (2.176 psia).	

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes
1-01 St. Johns Heater No. 2	Emission Standards for Sulfur Dioxide [LAC 33.III.1503.C] Continuous Emission Monitoring [LAC 33.III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33.III.5105.B.3.a] STATE ONLY	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
1-03 Regenerative Thermal Oxidizer (RTO) System	Emission Standards for Sulfur Dioxide [LAC 33.III.1503.C]	EXEMPT. TAP emissions come from the burning of Group I virgin fossil fuels and are exempt from this subchapter.
1-04, 2-04 Crude Tall Oil Storage Tank, Refinery; Crude Tall Oil Storage Tank	Emission Standards for Sulfur Dioxide [LAC 33.III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Storage of Volatile Organic Compounds [LAC 33.III.2103.B]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage Vessel has a capacity greater than 39890 gals with a max vapor pressure less than 3.5 kPa (0.5 psia).

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes	Notes
10-75, 11-75 Tank T-18, T-19	Storage of Volatile Organic Compounds [LAC 33:III.2.103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.	Emissions are routed to 5-95 Refinery Hotwell, which is routed to the Air Pollution Control System (APCS).
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY		DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.	Emissions from 10-75 & 11-75 vent to 5-95 Refinery Hotwell.. 5-95 is routed to the APCS.
NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]		DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.	
NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]		DOES NOT APPLY. Storage tanks do not store petroleum liquid.	

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes
10-75, 11-75 Tank T-18, T-19 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
10-84 Tanks ST-7	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed prior to May 18, 1978.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes	Notes
9-87, 10-87 Tanks ST-21, ST-23	Storage of Volatile Organic Compounds [LAC 33:III.2.103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.	Emissions are routed to the APCS.
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY		DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.	
NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]		DOES NOT APPLY. Storage tank does not store petroleum liquids.	
NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]		DOES NOT APPLY. Storage tank does not store petroleum liquids.	
NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]		DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.	

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes
8-92, 9-92, 10-92, 11-92, 12-92 Tanks T-206, T-209, T-213, T-214, T-215	Storage of Volatile Organic Compounds [LAC 33.III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tank capacity is less than 40 m ³ .

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes
8-95, 9-95, 10-95, 11-95 Tanks RS-10, RS-11, RS-12, RS-13	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
Continuous Emission Monitoring [LAC 33:III.1511]		DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
Storage of Volatile Organic Compounds [LAC 33:III.2103a]		DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY		DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978 [40 CFR 60.110]		DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.
NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]		DOES NOT APPLY. Storage tanks were constructed prior to May 18, 1978.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes
8-95, 9-95, 10-95, 11-95 Tanks RS-10, RS-11, RS-12, RS-13 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
12-75, 13-75, 18-75 Tanks T-20 through T-31, T- 40 through T-49, L-6	SO ₂ Emission Limitations [LAC 33.III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
Continuous Emission Monitoring [LAC 33.III.1511]		DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
Storage of Volatile Organic Compounds [LAC 33.III.2103a]		DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33.III.5109.A] STATE ONLY		DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]		DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes	Notes
12-75, 13-75, 18-75 Tanks T-20 through T-31, T- 40 through T-49, L-6 (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks do not store 'petroleum liquid.'	
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.	
12-84, 13-84, 14-84, 15-84, 16-84, 17-84 Tanks ST-9, ST-10, ST-11, ST-12, ST-13, ST-14	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.	Emissions are routed to the APCS.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.	
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks have capacities less than 40,000 gallons.	

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes
12-84, 13-84, 14-84, 15-84, 16-84, 17-84 Tanks ST-9, ST-10, ST-11, ST-12, ST-13, ST-14 (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks have capacities less than 40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
12-87 Tank ST-25	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
		12-87 is equipped with a Nitrogen blanket.

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XI. Table 2. Explanation Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes
12-87 Tank ST-25 (Continued)	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank was constructed prior to June 11, 1973.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank was constructed prior to May 18, 1978.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
12-95, 13-95 Melter Kettles	Storage of Volatile Organic Compounds [LAC 33:III.2.103a]	DOES NOT APPLY. These are process vessels, not storage vessels.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. These are process vessels not storage vessels.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes	Notes
12-95, 13-95 Melter Kettles (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. These are process vessels not storage vessels.	
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. These are process vessels not storage vessels.	
13-04, 14-04, 15-04 Styrene Raw Material Storage Tank, Acrylics Plant; Methyl Methacrylate Raw Material Storage Tank, Acrylics Plant; Ethylhexyl Acrylate Raw Material Storage Tank, Acrylics Plant	Storage of Volatile Organic Compounds [LAC 33:III.2103.B]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.	Tank emissions are voluntarily controlled by carbon adsorber but are not subject to 2103 control requirements.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage Vessel has a capacity less than 19,813 gals.	Tank emissions are voluntarily controlled by carbon adsorber but are not subject to Subpart Kb control requirements.

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Emission Source	Applicable Requirement	Notes	Notes
13-92 Oil/Water Separator	Oil/Water Separator [LAC 33:III.2109.B.4]	EXEMPT. Any single or multiple compartment volatile organic water separator emitting 100 tons per year or less of regulated uncontrolled hydrocarbons is exempt.	
	Waste Gas Disposal [LAC 33:III.2115.H.1.d]	EXEMPT. A waste gas stream with a concentration of VOCs less than 0.44 psia true partial pressure (30,000 ppm).	
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Source does not emit any Class I or Class II TAPs at a rate \geq to the MER listed in Table 51.1.	
14-87 Tank A-4	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation. DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.	
	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. This is a process vessel, not a storage vessel.	Emissions are routed to S-95 Refinery Horwell. S-95 is routed to the APCS.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.	
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. This is a process vessel, not a storage vessel.	

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Emission Source	Applicable Requirement	Notes	Notes
14-87 Tank A-4 (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. This is a process vessel, not a storage vessel.	
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. This is a process vessel, not a storage vessel.	
14-92 Cooling Tower	Waste Gas Disposal [LAC 33:III.2115.H.1.d]	EXEMPT. A waste gas stream with a concentration of VOCs less than 0.44 psia true partial pressure (30,000 ppm).	
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Source does not emit any Class I or Class II TAPs above the MER listed in Table 51.1.	Hydrogen Sulfide is a Class III TAP and does not require MACT analysis.
	NESHAP Subpart Q - Industrial Process Cooling Towers [40 CFR 63.400]	DOES NOT APPLY. Cooling tower does not use chromium based water treatment chemicals.	
15-87 Tanks V-11	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.	
	Continuous Emission Monitoring [LAC 33:III.1511]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.	

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Emission Source	Applicable Requirement	Notes	Notes
15-87 Tanks V-11 (Continued)	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. This is a process vessel, not a storage vessel.	
Waste Gas Disposal [LAC 33:III.2115.H.1.d]		EXEMPT. Any waste gas stream with a concentration of VOCs less than 0.44 psia true partial pressure (30,000 ppm).	
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY		15-87 is routed to the centralized APCS when the tank is handling resin products.	
NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]		DOES NOT APPLY. This is a process vessel, not a storage vessel.	
NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]		DOES NOT APPLY. This is a process vessel, not a storage vessel.	
NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]		DOES NOT APPLY. This is a process vessel, not a storage vessel.	

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Emission Source	Applicable Requirement	Notes
15-93 Tank RS-21	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppnv limitation.
Continuous Emission Monitoring [LAC 33:III.1511]		DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
Storage of Volatile Organic Compounds [LAC 33:III.2103a]		DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]		DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.
NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]		DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.

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Emission Source	Applicable Requirement	Notes
15-93 Tank RS-21 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Does not apply to storage vessels with a design capacity greater than or equal to 75 m ³ but less than 151 m ³ storing a liquid with a maximum true vapor pressure of 15 kPa. [40 CFR 60.116b]
16-04, 17-04, 18-04, 19-04, 20-04, 21-04, 22-04 Acrylic Emulsion Product Storage Tanks, Acrylics Plant	Storage of Volatile Organic Compounds [LAC 33:III.2103.B]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage Vessel has a capacity less than 19,813 gals.
16-87 Tank ST-22	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511] Storage of Volatile Organic Compounds [LAC 33:III.2103.a]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation. DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere. DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.

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Emission Source	Applicable Requirement	Notes
16-87 Tank ST-22 (Continued)	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank was constructed prior to June 11, 1973.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank was constructed prior to May 18, 1978.
16-93, 17-93, 18-93 Tank T-211, T-212, T-216	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tank was constructed prior to July 23, 1984.
	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.

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Emission Source	Applicable Requirement	Notes	Notes
16-93, 17-93, 18-93 Tank T-211, T-212, T-216 (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.	
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage vessels with a design capacity less than 75 m ³ . [40 CFR 60.116b]	
1-75 Steam Generating Boilers	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	EXEMPT. Formaldehyde (I), Naphthalene (II), & Toluene (III) emissions come from the burning of Group I and II virgin fossil fuels and are exempt from this subchapter. Sulfuric Acid (III) and Zinc (III) emissions are Class III TAPs and therefore do not require MACT analysis.	

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Emission Source	Applicable Requirement	Notes
1-75 Steam Generating Boilers (Continued)	NSPS Subpart Dc – Small Industrial-Commercial-Institutional-Steam Generating Units [40 CFR 60.40c]	DOES NOT APPLY -- Units have been constructed prior to June 9, 1989.
1-80 Refinery Heater No. 2	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Continuous Emission Monitoring [LAC 33:III.1511]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.3.a] STATE ONLY	EXEMPT. TAP emissions come from the burning of Group I virgin fossil fuels and are exempt from this subchapter.
	NSPS Subpart Dc – Small Industrial-Commercial-Institutional-Steam Generating Units [40 CFR 60.40c]	DOES NOT APPLY. Units have been constructed prior to June 9, 1989.
1-84 St. Johns Heater	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Continuous Emission Monitoring [LAC 33:III.1511]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.

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Emission Source	Applicable Requirement	Notes
1-84 St. Johns Heater (Continued)	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33.III.5105.B.3.a] STATE ONLY	EXEMPT. TAP emissions come from the burning of Group I virgin fossil fuels and are exempt from this subchapter.
	NSPS Subpart Dc - Small Industrial-Commercial-Institutional-Steam Generating Units [40 CFR 60.40c]	DOES NOT APPLY. Units have been constructed prior to June 9, 1989.
1-88 Tank ST-26	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33.III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
	NSPS Subpart A – General Provisions [40 CFR 60.1 through 20]	EXEMPT. Tank capacity greater than 75 m ³ , but the vapor pressure is less than 15 kPa. [40 CFR 60.110b.c]
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.

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Emission Source	Applicable Requirement	Notes
1-88 Tank ST-26 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Capacity is greater than 75 m ³ but less than 151 m ³ with a max vapor pressure less than 15.0 kPa.
18-87 Tank T-79	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. This is a process vessel, not a storage vessel. Emissions are routed to 1-97 Boiler House Flare.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. This is a process vessel, not a storage vessel.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. This is a process vessel, not a storage vessel.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. This is a process vessel, not a storage vessel.

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Emission Source	Applicable Requirement	Notes
1-89, 2-89 Tank ST-15, ST-16	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia. Vents to the APCS.
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY		DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]		DOES NOT APPLY. Storage tank does not store petroleum liquids.
NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]		DOES NOT APPLY. Storage tank does not store petroleum liquids.
NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]		DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
1-95, 2-95, 3-95, 4-95 Tanks L-1, L-2, L-3, L-4	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.

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Emission Source	Applicable Requirement	Notes
1-95, 2-95, 3-95, 4-95 Tanks L-1, L-2, L-3, L-4 (Continued)	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed prior to May 18, 1978.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
1-97 Boiler House Flare	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Continuous Emission Monitoring [LAC 33:III.1511]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.

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Emission Source	Applicable Requirement	Notes
1-97 Boiler House Flare (Continued)	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	EXEMPT. TAP emissions come from the burning of Group I virgin fossil fuels and are exempt from this subchapter. 1-97 has a back-up carbon adsorption unit.
19-75 Tank L-7	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation. DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	Storage of Volatile Organic Compounds [LAC 33:III.2103.a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978 [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed prior to May 18, 1978.

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Emission Source	Applicable Requirement	Notes
19-75 Tank L-7 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
19-87 Tank T-78	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation. DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	NSPS Subpart A – General Provisions [40 CFR 60.1 through 20]	EXEMPT. Storage vessels with a design capacity less than 75 m ³ are exempt from the General Provisions of Subpart A. [40 CFR 60.110b(b)]
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Process vessel, not a storage vessel.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Process vessel, not a storage vessel.

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Emission Source	Applicable Requirement	Notes
19-87 Tank T-78 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b])	DOES NOT APPLY. Process vessel, not a storage vessel.
2-03 Enclosed Flare/Combustor System	Emission Standards for Sulfur Dioxide [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
20-84 Tank ST-18	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks have capacities less than 40,000 gallons.

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Emission Source	Applicable Requirement	Notes	Notes
20-84 Tank ST-18 (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank does not store petroleum liquids.	
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.	
21-84 Tank ST-19	Storage of Volatile Organic Compounds [LAC 33:III.2103a] Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia. Storage tank is bottom filled and has a conservation vent.	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank does not store petroleum liquids.	

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Emission Source	Applicable Requirement	Notes
21-84 Tank ST-19 (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110(a)]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110(b)]	DOES NOT APPLY. Does not apply to storage vessels with a storage capacity less than 75 m ³ . [40 CFR 60.116b]
21-87 Tank T-69	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511] Storage of Volatile Organic Compounds [LAC 33:III.2103a]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation. DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere. DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank does not store petroleum liquids.

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Emission Source	Applicable Requirement	Notes
21-87 Tank T-69 (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Tank capacity is less than 75 m ³ .
22-75 Tank T-103	Filling of Gasoline Storage Vessels [LAC 33:II.2131.D.3] Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	EXEMPT. Any gasoline outlet with a throughput less than 500,000 gallons per year. DOES NOT APPLY. Source does not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank capacity is less than 40,000 gallons.

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Emission Source	Applicable Requirement	Notes	Notes
22-75 Tank T-103 (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank capacity is less than 40,000 gallons.	
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.	
23-04, 24-04, 25-04, 26-04 Acrylic Emulsion Product Blend Tank, Acrylics Plant;	Storage of Volatile Organic Compounds [LAC 33:III.2103.B]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.	
Acrylic Emulsion Product Drop Tank, Acrylics Plant; Acrylic Emulsion Pre-Mix Vessel, Acrylics Plant; Acrylic Emulsion Presolusion Mix Tank, Acrylics Plant	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage Vessel has a capacity less than 19,813 gals.	

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Emission Source	Applicable Requirement	Notes
2-75 Refinery Heater No. 1	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
Continuous Emission Monitoring [LAC 33:III.1511]		DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.3.a] STATE ONLY		EXEMPT. TAP emissions come from the burning of Group I virgin fossil fuels and are exempt from this subchapter.
NSPS Subpart Dc – Small Industrial-Commercial-Institutional-Steam Generating Units [40 CFR 60.40c]		DOES NOT APPLY. Units have been constructed prior to June 9, 1989.
28-04, 29-04 Storage Tanks, Rosin, Post- Refinery Area;	Storage of Volatile Organic Compounds [LAC 33:III.2103.B]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
		DOES NOT APPLY. Storage Vessel has a capacity greater than 19,813 gals but less than 39,626 gals with a max vapor pressure less than 15 kPa (2.176 psia).
		NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]

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Emission Source	Applicable Requirement	Notes
2-88 Tank ST-27	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks do not store petroleum liquids.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank do not store petroleum liquids.

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Emission Source	Applicable Requirement	Notes
2-88 Tank ST-27 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
30-04, 31-04, 32-04, 33-04, 34-04 Storage Tanks, Maleic Anhydride, Post-Refinery;	Storage of Volatile Organic Compounds [LAC 33:III.2103.B]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
Storage Tanks, Nonylphenol, Post-Refinery; Storage Tanks, LRO-90, Post-Refinery; Storage Tanks, DCPD, Post- Refinery; Storage Tanks, HC- 920, Post-Refinery	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage Vessel has a capacity less than 19,813 gals.
3-04 Refinery Heater No. 1A	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
35-04, 36-04 Storage Tanks, Tall Oil Materials, Post-Refinery	Emission Standards for Sulfur Dioxide [LAC 33:III.1503.C] Storage of Volatile Organic Compounds [LAC 33:III.2103.B]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation. DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.

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Emission Source	Applicable Requirement	Notes
35-04, 36-04 Storage Tanks, Tall Oil Materials, Post-Refinery (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage Vessel has a capacity greater than 19,813 gals but less than 39,626 gals with a max vapor pressure less than 15 kPa (2.176 psia).
3-80, 4-80 Tank T-65, T-64	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks have capacities less than 40,000 gallons.

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Emission Source	Applicable Requirement	Notes
3-80, 4-80 Tank T-65, T-64 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Does not apply to storage vessels with a storage capacity greater than or equal to 75 m ³ but less than 151 m ³ storing a liquid with a maximum true vapor pressure less than 15 kPa. [40 CFR 60.116b]
38-75, 39-75 Tanks STO 1, STO 2	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation. DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.

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Emission Source	Applicable Requirement	Notes
38-75, 39-75 Tanks STO 1, STO 2 (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed prior to May 18, 1978.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
3-90 Tank T-68	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110l]	DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.

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Emission Source	Applicable Requirement	Notes
3-90 Tank T-68 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tank capacity is less than 40 m ³ .
3-92, 4-92, 5-92 Tanks T-201, T-202, T-203	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tank capacity is less than 40 m ³ .

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Emission Source	Applicable Requirement	Notes
3-93 Tanks T-63	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Tank capacity less than 40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Tank capacity is less than 40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.

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Emission Source	Applicable Requirement	Notes
3-94 Resinate Quench Tank	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
Continuous Emission Monitoring [LAC 33:III.1511]		DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
Storage of Volatile Organic Compounds [LAC 33:III.2103a]		DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY		DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
NSPS Subpart A - General Provisions [40 CFR 60.1 through 20]		EXEMPT. Tank capacity greater than 75 m ³ , but vapor pressure is less than 15 kPa. [40 CFR 60.110b.c]
NSPS Subpart K - Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]		DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.
NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]		DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.

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Emission Source	Applicable Requirement	Notes	Notes
3-94 Resinate Quench Tank (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b])	EXEMPT. Storage vessels with a design capacity greater than or equal to 75 m ³ but less than 151 m ³ storing a liquid with a maximum true vapor pressure of 1.5 kPa are exempt from the provisions of this subpart. [40 CFR 60.116b]	The owner or operator shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel and the true vapor pressure of its contents.
4-04 Resins Heater No. 3	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.	
40-75 Tank STO 3	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.	
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.	
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.	

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Emission Source	Applicable Requirement	Notes	Notes
40-75 Tank STO 3 (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed prior to May 18, 1978.	
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.	
44-75 Tank T-70	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	Storage of Volatile Organic Compounds [LAC 33:III.2.103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.	
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.	

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Emission Source	Applicable Requirement	Notes
44-75 Tank T-70 (Continued)	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.
	NSPS Subpart K _a – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed prior to May 18, 1978.
	NSPS Subpart K _b – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
4-75, 5-75, 6-75, 7-75, 8-75, 9-75 Tanks T-1, T-5, T-6, T-7, T-3, T-4	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation. DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.

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Emission Source	Applicable Requirement	Notes
4-75, 5-75, 6-75, 7-75, 8-75, 9-75 Tanks T-1, T-5, T-6, T-7, T-3, T-4 (Continued)	Storage of Volatile Organic Compounds [LAC 33:III.2 03a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks do not store 'petroleum liquid'.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.

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Emission Source	Applicable Requirement	Notes
47-75, 48-75 Tanks T-75, T-76	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
Continuous Emission Monitoring [LAC 33:III.1511]		DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
Storage of Volatile Organic Compounds [LAC 33:III.2103a]		DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY		DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
NSPS Subpart A – General Provisions [40 CFR 60.1 through 20]		EXEMPT. Storage vessels with a design capacity less than 75 m ³ are exempt from the General Provisions of Subpart A. [40 CFR 60.110(b)]
NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]		DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.
NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]		DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.

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Emission Source	Applicable Requirement	Notes
47-75, 48-75 Tanks T-75, T-76 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Does not apply to storage vessels with a design capacity less than 75 m ³ . [40 CFR 60.116b]
4-84, 5-84, 6-84 Tanks ST-1, ST-2, ST-3	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources does not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank capacity is less than 40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank capacity is less than 40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.

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Emission Source	Applicable Requirement	Notes
4-88 Tank RS-20	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Continuous Emission Monitoring [LAC 33:III.1511]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.

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Emission Source	Applicable Requirement	Notes
4-88 Tank RS20 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Does not apply to storage vessels with a capacity greater than or equal to 75 m ³ but less than 151 m ³ storing a liquid with a maximum true vapor pressure less than 15 kPa. [40 CFR 60.116b(b)]
4-93 Tanks T-74	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation. DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tank does not store petroleum liquids.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank does not store petroleum liquids.

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Emission Source	Applicable Requirement	Notes
4-93 Tanks T-74 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
4-94 Tank ST-6	Storage of Volatile Organic Compounds [LAC 33:III.2.103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage vessels with a design capacity less than 75 m ³ are not applicable to from the provisions of this subpart. [40 CFR 60.116b(a)]

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Emission Source	Applicable Requirement	Notes
5-90 Post Refinery Heater	Emission Standards for Sulfur Dioxide [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.3.a] STATE ONLY	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
5-94, 6-94 Tanks T-58, T-59	Continuous Emission Monitoring [LAC 33:III.1511]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 1, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.

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Emission Source	Applicable Requirement	Notes
5-94, 6-94 Tanks T-58, T-59 (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage vessel with a design capacity greater than 151 m ³ , but a vapor pressure less than 3.5 kPa. [40 CFR 60.116b(b)]
5-95 Refinery Hotwell	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511] Storage of Volatile Organic Compounds [LAC 33:III.2103.a] Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation. DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere. DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia. DOES NOT APPLY. Source do not emit any Class I or Class II TAPs above the MER listed in Table 51.1. Vents from 10-75, 11-75, 14-87, 7-95, & CFA ZINC to 5-95, which vents to APCS.

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Emission Source	Applicable Requirement	Notes
5-95 Refinery Hotwell (Continued)	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Process vessel, not a storage vessel.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Process vessel, not a storage vessel.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Process vessel, not a storage vessel.
6-92 , 7-92 Tank T-204, T-205	Storage of Volatile Organic Compounds [LAC 33:III.2103a] Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia. DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.

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Emission Source	Applicable Requirement	Notes
6-92 , 7-92 Tank T-204, T-205 (Continued)	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tank capacity is less than 40 m ³ .
7-04 Regenerative Thermal Oxidizer (RTO) No. 2	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Control of Emission of Organic Compounds – Waste Gas Disposal [LAC 33:III.2115]	EXEMPT. Individual streams routed to the RTO are below the 30,000 ppm threshold listed in LAC 33:III2115.H.1.d.

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Emission Source	Applicable Requirement	Notes
7-84 , 8-84 Tanks ST-4, ST-5	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks have capacities less than 40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks have capacities less than 40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.

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Emission Source	Applicable Requirement	Notes
7-87, 8-87 Tanks RS-2, RS-3	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
Continuous Emission Monitoring [LAC 33:III.1511]		DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
Storage of Volatile Organic Compounds [LAC 33:III.2.103a]		DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY		DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]		DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.
NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]		DOES NOT APPLY. Storage tanks were constructed prior to May 18, 1978.

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Emission Source	Applicable Requirement	Notes
7-87, 8-87 Tanks RS-2, RS-3 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
7-94 Tank T-62	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tank capacity is less than 40,000 gallons.

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Emission Source	Applicable Requirement	Notes
7-94 Tank T-62 (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tank was constructed prior to July 23, 1984.
8-04 Flare Unit No. 2	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
CFA ZINC Tank	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.	DOES NOT APPLY. This is a process vessel not a storage vessel.
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. This is a process vessel not a storage vessel.	DOES NOT APPLY. This is a process vessel not a storage vessel.

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Emission Source	Applicable Requirement	Notes
CFA ZINC Tank (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. This is a process vessel not a storage vessel.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. This is a process vessel not a storage vessel.
DTA Tank	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:II.5109.A] STATE ONLY	DOES NOT APPLY. Sources does not emit any Class I or Class II TAPs above the MER listed in Table 51.1. Emissions are routed to APCS.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Process vessel, not a storage vessel.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Process vessel, not a storage vessel.

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Emission Source	Applicable Requirement	Notes
DTA Tank (Continued)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Process vessel, not a storage vessel.
DTB Tank	Comprehensive Toxic Air Pollutant Emission Control Program [ILAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Process vessel, not a storage vessel.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Process vessel, not a storage vessel.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Process vessel, not a storage vessel.

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Emission Source	Applicable Requirement	Notes	Notes
F-1, F-2, F-3, F-4, F-6 Tanks	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.	
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.	Emissions from F-1, F-2, F-3, F-4 & F-6 vent to 6-95 F-Tanks Condenser.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed prior to June 11, 1973.	
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.	
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.	
H-6 Tank	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.	

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Emission Source	Applicable Requirement	Notes
H-6 Tank (Continued)	Continuous Emission Monitoring [LAC 33:III.1511]	DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
Storage of Volatile Organic Compounds [LAC 33:III.2103a]		DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY		DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
NSPS Subpart K - Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]		DOES NOT APPLY. Storage tank does not store petroleum liquids.
NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]		DOES NOT APPLY. Storage tank does not store petroleum liquids.
NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]		DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.

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Emission Source	Applicable Requirement	Notes
H-7 Tank	SO ₂ Emission Limitations [LAC 33:III.1503.C]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
Continuous Emission Monitoring [LAC 33:III.1511]		DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
Storage of Volatile Organic Compounds [LAC 33:III.2103a]		DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]		DOES NOT APPLY. Storage tank does not store petroleum liquids.
NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]		DOES NOT APPLY. Storage tank does not store petroleum liquids.
NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]		DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.

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Emission Source	Applicable Requirement	Notes
Resin Drain Tank	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage Tank is a "process vessel" and does not meet the definition of a "storage vessel".
Resinate Storage Tank		
RS-1 Tank	SO ₂ Emission Limitations [LAC 33:III.1503.C] Continuous Emission Monitoring [LAC 33:III.1511]	EXEMPT. Units emitting less than 250 tons per year may be exempt from the 2000 ppmv limitation.
		DOES NOT APPLY. Continuous monitoring is not required for flares and sources emitting less than 100 tons per year of SO ₂ into the atmosphere.
	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Tank does not store petroleum liquids.

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Emission Source	Applicable Requirement	Notes
RS-1 Tank (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Tank does not store petroleum liquids.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commences after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
ST-X1, TK-A, TK-B, TK-C, V-1, V-2 Tanks	Storage of Volatile Organic Compounds [LAC 33:III.2103a] Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia. DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. ST-X1, TK-A, TK-B, TK-C, V-1, and V-2 are process vessels not storage vessels.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

DeRidder Facility
Agency Interest No.: 1514
MeadWestvaco South Carolina, LLC
DeRidder, Beauregard Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes	Notes
ST-X1, TK-A, TK-B, TK-C, V-1, V-2 Tanks (Continued)	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. ST-X1, TK-A, TK-B, TK-C, V-1, and V-2 are process vessels not storage vessels.	
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. ST-X1, TK-A, TK-B, TK-C, V-1, and V-2 are process vessels not storage vessels.	
T-80-731, T-81-731, T-82-731, T-83-731 TK-80, TK-81, TK-82, TK-83, Ink Oil/Resin Solution Storage Tanks	Storage of Volatile Organic Compounds [LAC 33:III.2103.B]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.	DOES NOT APPLY. Storage Vessel has a capacity greater than 19,813 gals but less than 39,626 gals with a max vapor pressure less than 15 kPa (2.176 psia).

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

DeRidder Facility
Agency Interest No.: 1514
MeadWestvaco South Carolina, LLC
DeRidder, Beauregard Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

Emission Source	Applicable Requirement	Notes
V-113 Tank	Storage of Volatile Organic Compounds [LAC 33:III.2103a]	DOES NOT APPLY. Tank contents have a true vapor pressure less than 1.5 psia.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A] STATE ONLY	DOES NOT APPLY. Sources do not emit any Class I or Class II TAPs above the MER listed in Table 51.1. Emissions from V-113 vent to centralized APCS.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage tanks were constructed after May 19, 1978.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Storage tanks were constructed after July 23, 1984.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Tank capacities are less than 75 m ³ .
46-75 Fugitive Emissions	Volatile Organic Compounds – Loading [LAC 33:III.2107]	DOES NOT APPLY. The vapor pressure of volatile organic material loaded is less than 1.5 psia.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

DeRidder Facility
Agency Interest No.: 1514
MeadWestvaco South Carolina, LLC
DeRidder, Beauregard Parish, Louisiana

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AI ID: 1514 MeadWestvaco South Carolina LLC - Specialty Chemicals Division
Activity Number: PER20070001
Permit Number: 0320-00003-V2
Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	0320-000003	MeadWestvaco South Carolina LLC - Specialty Chemicals Division	CDS Number	05-27-1993
	0320-0003	MeadWestvaco South Carolina LLC - Specialty Chemicals Division	Emission Inventory	02-25-2004
	13-1466285	Federal Tax ID	Federal Tax ID	11-21-1999
	LAD010390599	Westvaco Corp	Hazardous Waste Notification	06-14-2002
PMT/CA	LA0000868	Westvaco Corp Chem Div	Hazardous Waste Permitting	10-01-1997
WP1345		WPC File Number	LPDES Permit #	05-22-2003
		WPC State Permit Number	LWDPS Permit #	06-25-2003
		Priority 2 Emergency Site	Priority 2 Emergency Site	07-19-2006
	LA-10828-L01	Radioactive Material License	Radiation License Number	08-13-2003
	10828	X-Ray Registration Number	Radiation X-ray Registration Number	11-17-2006
	GD-011-0833	Westvaco Corp	Solid Waste Facility No.	01-08-2002
	0320-0003	Toxic Emissions Data Inventory #	Toxic Emissions Data Inventory #	01-01-1991
	70634WSTVCP0BOX	TRI #	Toxic Release Inventory	07-12-2004
	3814	Westvaco Corp Chem Div	Water Permitting	11-21-1999
			Main FAX:	3374624243
			Main Phone:	3374622441
Physical Location:		Mailing Address:	Phone (Type)	Relationship
		400 Crosby Rd De Ridder, LA 70634		
		400 Crosby Rd De Ridder, LA 70634		
		30° 49' 40" latitude, 93° 17' 6" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD83		
Mailing Address:		Location of Front Gate:	Name	Mailing Address
			Quentin Cannatella	400 Crosby Rd De Ridder, LA 70634
			Quentin Cannatella	400 Crosby Rd De Ridder, LA 70634
			Quentin Cannatella	400 Crosby Rd De Ridder, LA 70634
			Quentin Cannatella	400 Crosby Rd De Ridder, LA 70634
			Quentin Cannatella	400 Crosby Rd De Ridder, LA 70634
			Quentin Cannatella	400 Crosby Rd De Ridder, LA 70634
			Quentin Cannatella	400 Crosby Rd De Ridder, LA 70634
			James Hawkins	400 Crosby Rd De Ridder, LA 70634
			James Hawkins	400 Crosby Rd De Ridder, LA 70634
			James Hawkins	400 Crosby Rd De Ridder, LA 70634
			Vicente Martinez	400 Crosby Rd De Ridder, LA 70634
			Daniel Price	400 Crosby Rd De Ridder, LA 70634
			Air Permit Contact For	3374624243 (WP)
			Air Permit Contact For	3374624243 (WF)
			Hazardous Waste Permit Contact For	3374624243 (WF)
			Accident Prevention Contact for	3374624243 (WF)
			Accident Prevention Billing Party for	3374624243 (WP)
			Accident Prevention Contact for	3374624243 (WP)
			Hazardous Waste Permit Contact For	3374624243 (WP)
			Accident Prevention Billing Party for	3374624243 (WF)
			Radiation Safety Officer for	3374624243 (WP)
			Radiation Safety Officer for	3374622441 (WP)
			Radiation Safety Officer for	3374624243 (WF)
			Radiation Contact For	3374622441 (WP)
			Water Billing Party for	

General Information

AI ID: 1514 MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Dave Seller	400 Crosby Rd De Ridder, LA 70634	3374622441 (WP)	Employed by
Related Organizations:	Name	Address	Phone (Type)	Relationship
	MeadWestvaco Corp	400 Crosby Rd De Ridder, LA 70634		Owns
	MeadWestvaco Corp	400 Crosby Rd De Ridder, LA 70634		Operates
	MeadWestvaco Corp	400 Crosby Rd De Ridder, LA 70634		Air Billing Party for
	MeadWestvaco Corp	400 Crosby Rd De Ridder, LA 70634		Radiation Registration Billing Party for
	MeadWestvaco Corp	400 Crosby Rd De Ridder, LA 70634		Radiation License Billing Party for
	MeadWestvaco South Carolina LLC	One High Ridge Park Stamford, CT 06905	2034617400 (WP)	Owns

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
 Activity Number: PER20070001
 Permit Number: 0320-00003-V2
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
DeRidder Facility						
EQT0014	10-04 - Finished Product Tank, Asphalt Emulsion Products, Post-Refinery	30000 gallons				8760 hr/yr (All Year)
EQT0015	1-01 - St. Johns Heater - Transfer Oil Heater No. 2		12.5 MM BTU/hr			8760 hr/yr (All Year)
EQT0016	1-03 - Regenerative Thermal Oxidizer (RTO) System					8760 hr/yr (All Year)
EQT0018	1-04 - Crude Tall Oil Storage Tank, Refinery	1.2 million gallons				8760 hr/yr (All Year)
EQT0019	10-75 - Tank T-18, CTO Feed Tank, Refinery	30000 gallons				8760 hr/yr (All Year)
EQT0020	10-84 - ST-7, Aromatic 150 Storage Tank, Hard Resins	10500 gallons				8760 hr/yr (All Year)
EQT0021	10-87 - ST-23, Reclaimed Solvent / Butanol Tank, Resinates	11000 gallons				8760 hr/yr (All Year)
EQT0022	10-92 - T-213, Monomer Storage Tank, Acrylics	8226 gallons				8760 hr/yr (All Year)
EQT0023	10-95 - RS-12, Crude Tall Oil/Tall Oil Fractions Storage, Refinery	18400 gallons				8760 hr/yr (All Year)
EQT0024	11-04 - Raw Material Tanks, Asphalt Emulsions, Post Refinery	30000 gallons				8760 hr/yr (All Year)
EQT0025	11-75 - Tank T-19, CTO Feed Tank, Refinery	30000 gallons				8760 hr/yr (All Year)
EQT0026	11-84 - ST-8, HC-920 Storage, Hard Resins	9800 gallons				8760 hr/yr (All Year)
EQT0027	11-92 - T-214, Dowanol DPM Storage Tank, Acrylics	8226 gallons				8760 hr/yr (All Year)
EQT0028	11-95 - RS-13, Crude Tall Oil/Tall Oil Fractions Storage, Refinery	18400 gallons				8760 hr/yr (All Year)
EQT0029	12-04 - Raw Material Tanks, Asphalt Emulsions, Post Refinery	30000 gallons				8760 hr/yr (All Year)
EQT0030	12-75 - Tanks T-20 through T-31, Tall Oil Fractions, Refinery	19876 gallons				8760 hr/yr (All Year)
EQT0031	12-84 - ST-9, Lactol Spirits, Resinates	10500 gallons				8760 hr/yr (All Year)
EQT0032	12-87 - ST-25, C3B/Rosin/Gum Rosin Tank, Refinery	15900 gallons				8760 hr/yr (All Year)
EQT0033	12-92 - T-215, Isopropyl Alcohol Storage Tank, Acrylics	8230 gallons				8760 hr/yr (All Year)
EQT0034	12-95 - Melter Kettle					8760 hr/yr (All Year)
EQT0035	13-04 - Styrene Raw Material Storage Tank, Acrylics Plant	13500 gallons				8760 hr/yr (All Year)
EQT0036	13-75 - Tanks T-40 through T-49, Tall Oil Fractions, Refinery	49851 gallons				8760 hr/yr (All Year)
EQT0037	13-84 - ST-10, Rotosolve, Resinates	10500 gallons				8760 hr/yr (All Year)
EQT0038	13-92 - Refinery Oil/Water Separator Unit					8760 hr/yr (All Year)
EQT0039	13-95 - Melter Kettle					8760 hr/yr (All Year)
EQT0040	14-04 Methyl Methacrylate Raw Material Storage Tank, Acrylics Plant	13500 gallons				8760 hr/yr (All Year)
EQT0041	14-84 - ST-11, Reclaimed Solvent Tank, Resinates	21300 gallons				8760 hr/yr (All Year)
EQT0042	14-87 - Tank A-4, Fatty Acid Storage Tank	2700 gallons				8760 hr/yr (All Year)
EQT0043	14-92 - Cooling Tower			550000 ft^3/min		8760 hr/yr (All Year)
EQT0044	15-04 - Ethylhexyl Acrylate Raw Material Storage Tank, Acrylics Plant	13500 gallons				8760 hr/yr (All Year)
EQT0045	15-84 - ST-12, Reclaimed Solvent Tank, Resinates	25650 gallons				8760 hr/yr (All Year)
EQT0046	15-87 - V-11, Saponification Tank, Post Refinery	22908 gallons				8760 hr/yr (All Year)
EQT0047	15-93 - Rosin Product Storage Tank RS-21, Refinery	29500 gallons				8760 hr/yr (All Year)
EQT0048	16-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant	10500 gallons				8760 hr/yr (All Year)
EQT0049	16-84 - ST-13, Reclaimed Solvent Tank, Resinates	21300 gallons				8760 hr/yr (All Year)
EQT0050	16-87 - ST-22, Rosin/Rosin Products Tank, Resinates	19900 gallons				8760 hr/yr (All Year)
EQT0051	16-93 - T-211, Acrylic Emulsion Storage Tank, Acrylics	10500 gallons				8760 hr/yr (All Year)

INVENTORIES
A1 ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
Activity Number: PER20070001
Permit Number: 0320-000003-V2
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
DeRidder Facility						
EQT0052	17-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant	10500 gallons				8760 hr/yr (All Year)
EQT0053	17-5 - Steam Generation Boilers					8760 hr/yr (All Year)
EQT0054	17-84 - ST-14, Reclaimed Solvent Tank, Hard Resins	21300 gallons				8760 hr/yr (All Year)
EQT0055	17-93 - T-212, Acrylic Emulsion Storage Tank, Acrylics	10500 gallons				8760 hr/yr (All Year)
EQT0056	18-0 - Refinery Heater No 2 - Transfer Oil Heater		8.5 MM BTU/hr			8760 hr/yr (All Year)
EQT0057	18-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant	10500 gallons				8760 hr/yr (All Year)
EQT0058	18-4 - St. Johns Heater - Transfer Oil Heater No. 1		12.9 MM BTU/hr			8760 hr/yr (All Year)
EQT0059	18-75 - Tank L-6, Tall Oil Fractions, Refinery	10470 gallons				8760 hr/yr (All Year)
EQT0060	18-8 - ST-26, Resinate/Toluene/Reclaimed Solvent Tank, Resinates	21850 gallons				8760 hr/yr (All Year)
EQT0061	18-87 - T-79, Hazardous Waste Fuel Blend Tank, Utilities	3525 gallons				8760 hr/yr (All Year)
EQT0062	18-9 - ST-15, Reclaimed Solvent Tank, Resinates	20000 gallons				8760 hr/yr (All Year)
EQT0063	18-93 - T-216, Acrylic Emulsion Storage Tank, Acrylics	10950 gallons				8760 hr/yr (All Year)
EQT0064	19-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant	10500 gallons				8760 hr/yr (All Year)
EQT0065	19-95 - L-1, Printing Ink Oil Tank, Resinates	10400 gallons				8760 hr/yr (All Year)
EQT0066	19-7 - Boiler/House Flare		16.6 MM BTU/hr			8760 hr/yr (All Year)
EQT0067	19-75 - Tank L-7, Tall Oil Fractions, Refinery	10458 gallons				8760 hr/yr (All Year)
EQT0068	19-87 - T-78, Hazardous Waste Fuel Feed Tank, Utilities	10800 gallons				8760 hr/yr (All Year)
EQT0069	20-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant	10500 gallons				8760 hr/yr (All Year)
EQT0070	2-03 - Enclosed Flare/Combustor System		24 MM BTU/hr	21.6 MM BTU/hr		8760 hr/yr (All Year)
EQT0071	2-04 - Crude Tall Oil Storage Tank	1.2 million gallons				8760 hr/yr (All Year)
EQT0072	20-84 - ST-18, Rosin Storage Tank, Hard Resins	20000 gallons				8760 hr/yr (All Year)
EQT0073	21-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant	10500 gallons				8760 hr/yr (All Year)
EQT0074	21-84 - ST-19, St. John's Maleic Anhydride Tank, Hard Resins	12700 gallons				8760 hr/yr (All Year)
EQT0075	21-87 - T-69, Rosin/Rosin Products, Ink Oil/Link Oil Products, Fatty Acid Product, Paste Ref.	10260 gallons				8760 hr/yr (All Year)
EQT0076	22-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant	10500 gallons				8760 hr/yr (All Year)
EQT0077	22-75 - Tank T-103, Unleaded Gasoline, Utilities	2850 gallons				8760 hr/yr (All Year)
EQT0078	23-04 - Acrylic Emulsion Product Blend Tank, Acrylics Plant	10000 gallons				8760 hr/yr (All Year)
EQT0079	24-04 - Acrylic Emulsion Product Drop Tank, Acrylics Plant	10000 gallons				8760 hr/yr (All Year)
EQT0080	25-04 - Acrylic Emulsion Pre-Mix Vessel, Acrylics Plant	10000 gallons				8760 hr/yr (All Year)
EQT0081	26-04 - Acrylic Emulsion Presolution Mix Tank, Acrylics Plant	60000 gallons				8760 hr/yr (All Year)
EQT0082	2-75 - Refinery Heater No. 1		19.6 MM BTU/hr			8760 hr/yr (All Year)
EQT0083	28-04 - Storage Tanks, Rosin, Post-Refinery Area	30000 gallons				8760 hr/yr (All Year)
EQT0084	2-84 - Hard Resin Flaker/Bagger Dust Collector		12000 lb/hr			8760 hr/yr (All Year)
EQT0085	2-88 - ST-27, Reclaimed Solvent Tank, Resinates	22800 gallons				8760 hr/yr (All Year)
EQT0086	2-89 - ST-16, Reclaimed Solvent Tank, Resinates	20000 gallons				8760 hr/yr (All Year)
EQT0087	29-04 - Storage Tanks, Rosin, Post-Refinery Area	30000 gallons				8760 hr/yr (All Year)
EQT0088	EQT0089 2-92 - Tank H-5, Rosin Storage Tank	8820 gallons				8760 hr/yr (All Year)
EQT0090	2-94 - Resinate Raw Materials Dust Collector		12000 lb/hr			8760 hr/yr (All Year)
EQT0091	2-95 - L-2, Printing Ink Oil Tank, Resinates	10400 gallons				8760 hr/yr (All Year)

INVENTORIES

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
Activity Number: PER20070001
Permit Number: 0320-00003-V2
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
DeRidder Facility						
EQT0092	2B-84 - Hard Resins Flaker Wier Box Hood	12000 lb/hr				8760 hr/yr (All Year)
EQT0093	30-04 - Storage Tanks, Maleic Anhydrite, Post-Refinery	12000 gallons	18.2 MM BTU/hr			8760 hr/yr (All Year)
EQT0094	3-04 - Refinery Heater No. 1A					8760 hr/yr (All Year)
EQT0095	31-04 - Storage Tanks, Nonylphenol, Post-Refinery Area	12000 gallons				8760 hr/yr (All Year)
EQT0096	32-04 - Storage Tanks, LRO-90, Post-Refinery Area	12000 gallons				8760 hr/yr (All Year)
EQT0097	33-04 - Storage Tanks, DCPD, Post-Refinery Area	12000 gallons				8760 hr/yr (All Year)
EQT0098	34-04 - Storage Tanks, HC-920, Post-Refinery Area	12000 gallons				8760 hr/yr (All Year)
EQT0099	35-04 - Storage Tanks, Tall Oil Materials, Post-Refinery Area	30000 gallons				8760 hr/yr (All Year)
EQT0100	36-04 - Storage Tanks, Tall Oil Materials, Post-Refinery Area	30000 gallons				8760 hr/yr (All Year)
EQT0101	3-80 - T-65, Rosin/Rosin Products Storage Tank, Post Refinery	33000 gallons				8760 hr/yr (All Year)
EQT0102	38-75 - Tank STO 1, Tall Oil Fractions, Tall Oil Wastewater	158129 gallons				8760 hr/yr (All Year)
EQT0103	3-88 - Post Refinery Flaker Dust Collector		94.5 MM lbs/yr			8760 hr/yr (All Year)
EQT0104	3-90 - T-68, Post Refinery Maleic Anhydride Tank, Post Refinery	9000 gallons				8760 hr/yr (All Year)
EQT0105	3-92 - T-201, Monomer Storage Tank, Acrylics	8230 gallons				8760 hr/yr (All Year)
EQT0106	3-93 - T-63, Rosin/Rosin Products, Ink Oil/Link Oil Products, Amines, Fatty Acid Products	33000 gallons				8760 hr/yr (All Year)
EQT0107	3-94 - HC H.R./Resinate Quench Tank	28000 gallons				8760 hr/yr (All Year)
EQT0108	3-95 - L-3, Printing Ink Oil Tank, Resinates	10400 gallons				8760 hr/yr (All Year)
EQT0109	39-75 - Tank STO 2, Tall Oil Fractions, Tall Oil Wastewater, Refinery	150000 gallons				8760 hr/yr (All Year)
EQT0110	3A-88 - Post Refinery Bagger Dust Collector		94.5 MM lbs/yr			8760 hr/yr (All Year)
EQT0111	3B-88 - Rotocone on North and South Flaker Belt Weir Box		94.5 MM lbs/yr			8760 hr/yr (All Year)
EQT0112	4-04 - Resins Heater No. 3		12.5 MM BTU/hr			8760 hr/yr (All Year)
EQT0113	40-75 - Tank STO 3, Acrylics Plant Wastewater, Acrylics	158129 gallons				8760 hr/yr (All Year)
EQT0114	44-75 - Tank T-70, Reaction Oil/Tall Oil Fractions, Utilities	20300 gallons				8760 hr/yr (All Year)
EQT0115	4-75 - Tank T-1, Crude Tall Oil, Refinery	250315 gallons				8760 hr/yr (All Year)
EQT0116	47-75 - Tank T-75, Reaction Oil/Tall Oil Fractions, Utilities	16000 gallons				8760 hr/yr (All Year)
EQT0117	4-80 - T-64, Rosin/Rosin Products Storage Tank, Post Refinery	33000 gallons				8760 hr/yr (All Year)
EQT0118	4-84 - ST-1, Resinate Tank, Resinates	21300 gallons				8760 hr/yr (All Year)
EQT0119	48-75 - Tank T-76, Reaction Oil/Tall Oil Fractions Utilities	16000 gallons				8760 hr/yr (All Year)
EQT0120	4-88 - RS-20, Rosin Storage Tank, Refinery	32000 gallons				8760 hr/yr (All Year)
EQT0121	4-92 - T-202, Monomer Storage Tank, Acrylics	8226 gallons				8760 hr/yr (All Year)
EQT0122	4-93 - T-74, Tall Oil Fractions or Reaction Oil, Boiler House	20300 gallons				8760 hr/yr (All Year)
EQT0123	4-94 - Tank ST-6, Dicyclopentadiene Storage Tank	15275 gallons				8760 hr/yr (All Year)
EQT0124	4-95 - L-4, Printing Ink Oil Tank, Resinates	10400 gallons				8760 hr/yr (All Year)
EQT0125	5-04 - Resin Packaging (Flaker/Bagger) Dust Collector No. 2					8760 hr/yr (All Year)
EQT0126	5-75 - Tank T-5, Crude Tall Oil, Refinery	250315 gallons				8760 hr/yr (All Year)
EQT0127	5-84 - ST-2, Resinate Tank, Resinates	21300 gallons				8760 hr/yr (All Year)
EQT0128	5-90 - Post Refinery Heater - Transfer Oil Heater		12.2 MM BTU/hr			8760 hr/yr (All Year)
EQT0129	5-92 - T-203, Monomer Storage Tank, Acrylics	8230 gallons				8760 hr/yr (All Year)

INVENTORIES

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
Activity Number: PER20070001
Permit Number: 0320-000003-V2
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
DeRidder Facility						
EQT0130	6-94 - T-58, Rosin/Rosin Products and Intermediates, Ink Oils/Resin Solutions, Post Refinery	66000 gallons				8760 hr/yr (All Year)
EQT0131	6-95 - Refinery Hotwell, Refinery	28066 gallons				8760 hr/yr (All Year)
EQT0132	6-04 - Retionane on Resins Flaker Bell Weir Box No. 2		12000 lb/hr			8760 hr/yr (All Year)
EQT0133	6-75 - Tank T-6, Crude Tall Oil, Refinery	250315 gallons				8760 hr/yr (All Year)
EQT0134	6-84 - ST-3, Resinate Tank, Resinates	21300 gallons				8760 hr/yr (All Year)
EQT0135	6-92 - T-204, Monomer Storage Tank, Acrylics	8226 gallons				8760 hr/yr (All Year)
EQT0136	6-94 - T-59, Rosin/Rosin Products and Intermediates, Ink Oils/Resin Solutions, Post Refinery	66000 gallons				8760 hr/yr (All Year)
EQT0137	7-04 - Regenerative Thermal Oxidizer (RTO) No. 2					8760 hr/yr (All Year)
EQT0138	7-75 - Tank T-2, Crude Tall Oil, Refinery	250315 gallons				8760 hr/yr (All Year)
EQT0139	7-84 - ST-4, Toluene Tank, Resinates	21300 gallons				8760 hr/yr (All Year)
EQT0140	7-87 - RS-2, Crude Tall Oil/Tall Oil Fractions Storage, Refinery	20400 gallons				8760 hr/yr (All Year)
EQT0141	7-92 - T-205 Styrene/Acrylic Monomer Storage Tank	8226 gallons				8760 hr/yr (All Year)
EQT0142	7-94 - T-62, Rosin/Rosin Products Storage Tank, Post Refinery	33000 gallons				8760 hr/yr (All Year)
EQT0143	7-95 - Refinery Hot Well Tank, Refinery	1100 gallons				8760 hr/yr (All Year)
EQT0144	8-04 - Flare Unit No. 2		4000 scf/hr			8760 hr/yr (All Year)
EQT0145	8-75 - Tank T-3, Crude Tall Oil, Refinery	250315 gallons				8760 hr/yr (All Year)
EQT0146	8-84 - ST-5, Petroleum Distillate - Hard Resins	8600 gallons				8760 hr/yr (All Year)
EQT0147	8-87 - RS-3, Crude Tall Oil/Tall Oil Fractions Storage, Refinery	20400 gallons				8760 hr/yr (All Year)
EQT0148	8-92 - T-206, Monomer Storage Tank, Acrylics	8226 gallons				8760 hr/yr (All Year)
EQT0149	8-95 - RS-10, Crude Tall Oil/Tall Oil Fractions Storage, Refinery	18400 gallons				8760 hr/yr (All Year)
EQT0150	9-04 - Finished Product Tank Asphalt Emulsion Products	30000 gallons				8760 hr/yr (All Year)
EQT0151	9-75 - Tank T-4, Crude Tall Oil, Refinery	250315 gallons				8760 hr/yr (All Year)
EQT0152	9-87 - ST-21, Toluene Wash Tank, Resinate	3780 gallons				8760 hr/yr (All Year)
EQT0153	9-92 - T-209, Monomer Storage Tank, Acrylics	8226 gallons				8760 hr/yr (All Year)
EQT0154	9-95 - RS-11, Crude Tall Oil/Tall Oil Fractions, Refinery	18400 gallons				8760 hr/yr (All Year)
EQT0155	CFA ZINC - CFA Zinc Tank	500 gallons				8760 hr/yr (All Year)
EQT0156	DTA - Drop Tank A		11000 gallons			8760 hr/yr (All Year)
EQT0157	DTB - Drop Tank B		21486 gallons			8760 hr/yr (All Year)
EQT0158	F-1 - Tank F-1		20000 gallons			8760 hr/yr (All Year)
EQT0159	F-2 - Tank F-2		20000 gallons			8760 hr/yr (All Year)
EQT0160	F-3 - Tank F-3		20000 gallons			8760 hr/yr (All Year)
EQT0161	F-4 - Tank F-4		20000 gallons			8760 hr/yr (All Year)
EQT0162	F-6 - Tank F-6		20000 gallons			8760 hr/yr (All Year)
EQT0163	H-6 - Tank H-6, Reaction Oil Storage Tank		11800 gallons			8760 hr/yr (All Year)
EQT0164	H-7 - Tank H-7, Rosin Storage Tank		10400 gallons			8760 hr/yr (All Year)
EQT0165	Resin Drain Tank - Resinate Storage Tank		5500 gallons			8760 hr/yr (All Year)
EQT0166	RS-1 - Tank RS-1, Pitch Storage Tank		20400 gallons			8760 hr/yr (All Year)
EQT0167	ST-X1 - Tank ST-X1, n-Butanol Storage Tank		500 gallons			8760 hr/yr (All Year)

INVENTORIES

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
 Activity Number: PER20070001
 Permit Number: 0320-00003-V2
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
DeRidder Facility						
EQT0168	T-80-731 - TK-80, Ink Oil/Resin Solution Storage Tank	33000 gallons				8760 hr/yr (All Year)
EQT0169	T-81-731 - TK-81, Ink Oil Storage Tank	25000 gallons				8760 hr/yr (All Year)
EQT0170	T-82-731 - TK-82, Ink Oil Storage Tank	25000 gallons				8760 hr/yr (All Year)
EQT0171	T-83-731 - TK-83, Ink Oil Storage Tank	25000 gallons				8760 hr/yr (All Year)
EQT0172	TK-A - Slurry TK-A (Resinates)	1300 gallons				8760 hr/yr (All Year)
EQT0173	TK-B - Slurry TK-B (Resinates)	1300 gallons				8760 hr/yr (All Year)
EQT0174	TK-C - Slurry TK-C (Resinates)	675 gallons				8760 hr/yr (All Year)
EQT0175	V-1 - Tank V-1, Toluene/Reclaim Solvent/H2O Separation Tank	734 gallons				8760 hr/yr (All Year)
EQT0176	V-113 - Tank V-113, Acrylic Organics Stor Tk	500 gallons				8760 hr/yr (All Year)
EQT0177	V-2 - Tank V-2, Toluene/Reclaim Solvent Separation Tk	250 gallons				8760 hr/yr (All Year)
EQT0178	PBLR - Package Boiler			35 MM BTU/hr	99.7 MM BTU/hr	8760 hr/yr (All Year)
FUG0002	46-75 - Fugitive Emissions - Plant Wide					8760 hr/yr (All Year)

INVENTORIES

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
Activity Number: PER20070001
Permit Number: 0320-00003-V2
Air - Title V Regular Permit Renewal

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
DeRidder Facility							
EQT0014	10-04 - Finished Product Tank, Asphalt Emulsion Products, Post-Refinery	30	4750	1.83	1.3	30	30
EQT0015	1-01 - St. Johns Heater - Transfer Oil Heater No. 2	30	12000	3	40	400	400
EQT0016	1-03 - Regenerative Thermal Oxidizer (RTO) System	30		75	80	250	
EQT0018	1-04 - Crude Tall Oil Storage Tank, Refinery			75		40	
EQT0019	10-75 - Tank T-18, CTO Feed Tank, Refinery			15.6		21	
EQT0020	10-84 - ST-7, Aromatic 150 Storage Tank, Hard Resins			8.8		22	
EQT0021	10-87 - ST-23, Reclaimed Solvent / Butanol Tank, Resinates			10.5		17	
EQT0022	10-92 - T-213, Monomer Storage Tank, Acrylics			10		14	
EQT0023	10-95 - RS-12, Crude Tall Oil/Tall Oil Fractions Storage, Refinery			10		31	
EQT0024	11-04 - Raw Material Tanks, Asphalt Emulsions, Post Refinery			13		30	
EQT0025	11-75 - Tank T-19, CTO Feed Tank, Refinery			15.6		21	
EQT0026	11-84 - ST-8, HC-920 Storage, Hard Resins			9		22	
EQT0027	11-92 - T-214, Dowanol DPM Storage Tank, Acrylics			10		14	
EQT0028	11-95 - RS-13, Crude Tall Oil/Tall Oil Fractions Storage, Refinery			10		31	
EQT0029	12-04 - Raw Material Tanks, Asphalt Emulsions, Post Refinery			13		30	
EQT0030	12-75 - Tanks T-20 through T-31, Tall Oil Fractions, Refinery			12.4		22	
EQT0031	12-84 - ST-9 Lactol Spirits, Resinates			8.8		22	
EQT0032	12-87 - ST-25, C8B/Rosin/Gum Rosin Tank, Refinery			12		18	
EQT0033	12-92 - T-215, Isopropyl Alcohol Storage Tank, Acrylics			10		14	
EQT0035	13-04 - Styrene Raw Material Storage Tank, Acrylics Plant			12		16	
EQT0036	13-75 - Tanks T-40 through T-49, Tall Oil Fractions, Refinery			20.1		21	
EQT0037	13-84 - ST-10, Rotosolve, Resinates			8.8		22	
EQT0038	13-92 - Refinery Oil/Water Separator Unit			2649	1.5	15	80
EQT0040	14-04 - Methyl Methacrylate Raw Material Storage Tank, Acrylics Plant			12		16	
EQT0041	14-84 - ST-11, Reclaimed Solvent Tank, Resinates			10.5		31.3	
EQT0042	14-87 - Tank A-4, Fatty Acid Storage Tank			7		9	
EQT0043	14-92 - Cooling Tower			40	550000	20	35
EQT0044	15-04 - Ethylhexyl Acrylate Raw Material Storage Tank, Acrylics Plant			12		16	
EQT0045	15-84 - ST-12, Reclaimed Solvent Tank, Resinates			10.5		38	
EQT0046	15-87 - V-11, Saponification Tank, Post Refinery			13.3		22	
EQT0047	15-93 - Rosin Product Storage Tank FS-21, Refinery			14		26.1	
EQT0048	16-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant			12		13	
EQT0049	16-84 - ST-13, Reclaimed Solvent Tank, Resinates			10.5		31.3	
EQT0050	16-87 - ST-22, Rosin/Rosin Products Tank, Resinates			11		28	

INVENTORIES

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
 Activity Number: PER20070001
 Permit Number: 0320-00003-V2
 Air - Title V Regular Permit Renewal

Stack Information:						
ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)
DeRidder Facility						
EQT0051	16-93 - T-211, Acrylic Emulsion Storage Tank, Acrylics	12				13
EQT0052	17-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant	12				13
EQT0053	17-75 - Steam Generation Boilers	47	134300	14		250
EQT0054	17-84 - ST-14, Reclaimed Solvent Tank, Hard Resins		10.5			313
EQT0055	17-93 - T-212, Acrylic Emulsion Storage Tank, Acrylics		12			13
EQT0056	1-80 - Refinery Heater No. 2 - Transfer Oil Heater	11	2788	2.29		50
EQT0057	18-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant		12			13
EQT0058	1-84 - St. Johns Heater - Transfer Oil Heater No. 1	5	982	2		40
EQT0059	18-75 - Tank L-6, Tall Oil Fractions, Refinery		10			600
EQT0060	1-88 - ST-26, Resinate/Toluene/Reclaimed Solvent Tank, Resinates					17.8
EQT0061	18-87 - T-79, Hazardous Waste Fuel Blend Tank, Utilities		10.5			30.8
EQT0062	1-89 - ST-15, Reclaimed Solvent Tank, Resinates		12			13
EQT0063	18-93 - T-216, Acrylic Emulsion Storage Tank, Acrylics		12			13
EQT0064	19-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant		10			18
EQT0065	1-95 - L-1, Printing Ink Oil Tank, Resinates		.01			30
EQT0066	1-97 - Boiler House Flare	906	426			500
EQT0067	19-75 - Tank L-7, Tall Oil Fractions, Refinery		10			17.8
EQT0068	19-87 - T-78, Hazardous Waste Fuel Feed Tank, Utilities		10.5			16.7
EQT0069	20-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant		12			13
EQT0070	2-03 - Enclosed Flare/Combustor System	40	12000	3		800
EQT0071	2-04 - Crude Tall Oil Storage Tank			75		40
EQT0072	20-84 - ST-18, Rosin Storage Tank, Hard Resins		11			28
EQT0073	21-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant		12			13
EQT0074	21-84 - ST-19, St. John's Maleic Anhydride Tank, Hard Resins		12			15
EQT0075	21-87 - T-69, Rosin/Rosin Products, Ink Oil/Ink Oil Products, Fatty Acid Product, Post Ref.		10.5			16
EQT0076	22-04 - Acrylic Emulsion Product Storage Tank, Acrylics Plant		12			13
EQT0077	22-75 - Tank T-103, Unleaded Gasoline, Utilities		7.5			9
EQT0078	23-04 - Acrylic Emulsion Product Blend Tank, Acrylics Plant		12			13
EQT0079	24-04 - Acrylic Emulsion Product Drop Tank, Acrylics Plant		12			13
EQT0080	25-04 - Acrylic Emulsion Pre-Mix Vessel, Acrylics Plant		12			13
EQT0081	26-04 - Acrylic Emulsion Presolution Mix Tank, Acrylics Plant		8			16
EQT0083	2-75 - Refinery Heater No. 1	14	8265	3.5		71
EQT0084	28-04 - Storage Tanks, Rosin, Post Refinery Area			14		600
						26

INVENTORIES

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
 Activity Number: PER20070001
 Permit Number: 0320-00003-V2
 Air - Title V Regular Permit Renewal

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
DeRidder Facility							
EQT0086	2-88 - ST-27, Reclaimed Solvent Tank, Resinates	12					27
EQT0087	2-89 - ST-16, Reclaimed Solvent Tank, Resinates						
EQT0088	29-04 - Storage Tanks, Rosin, Post-Refinery Area	14					26
EQT0089	2-92 - Tank H-5, Rosin Storage Tank			8.8			18.4
EQT0090	2-94 - Resinate Raw Materials Dust Collector	75	950	.5			65
EQT0091	2-95 - L-2, Printing Ink Oil Tank, Resinates			10			18
EQT0093	30-04 - Storage Tanks, Maleic Anhydride, Post-Refinery			12			13
EQT0094	3-04 - Refinery Heater No. 1A	30	4750	1.83		40	400
EQT0095	31-04 - Storage Tanks, Nonylphenol, Post-Refinery Area			12			13
EQT0096	32-04 - Storage Tanks, LRO-90, Post-Refinery Area			12			13
EQT0097	33-04 - Storage Tanks, DCPD, Post-Refinery Area			12			13
EQT0098	34-04 - Storage Tanks, HC-920, Post-Refinery Area			12			13
EQT0099	35-04 - Storage Tanks, Tall Oil Materials, Post-Refinery Area			14			26
EQT0100	36-04 - Storage Tanks, Tall Oil Materials, Post-Refinery Area			14			26
EQT0101	3-80 - T-65, Rosin/Rosin Products Storage Tank, Post Refinery			13.5			32.2
EQT0102	38-75 - Tank STO 1, Tall Oil Fractions, Tall Oil Wastewater			29			32
EQT0104	3-90 - T-68, Post Refinery Maleic Anhydride Tank, Post Refinery			14			10.5
EQT0105	3-92 - T-201, Monomer Storage Tank, Acrylics			10			14
EQT0106	3-93 - T-63, Rosin/Rosin Products, Ink Oil/Ink Oil Products, Amines, Fatty Acid Products			13.5			34
EQT0107	3-94 - HC HR./Resinate Quench Tank			12.5			30
EQT0108	3-95 - L-3, Printing Ink Oil Tank, Resinates			10			18
EQT0109	39-75 - Tank STO 2, Tall Oil Fractions, Tall Oil Wastewater, Refinery			29			32
EQT0111	3B-88 - Rotocline on North and South Flaker Belt Weir Box	40	4100	1.5		60	90
EQT0112	4-04 - Resins Heater No. 3						
EQT0113	40-75 - Tank STO 3, Acrylics Plant Wastewater, Acrylics			29			32
EQT0114	44-75 - Tank T-70, Reaction Oil/Tall Oil Fractions, Utilities			10.5			31.3
EQT0115	4-75 - Tank T-1, Crude Tall Oil, Refinery			34.4			36
EQT0116	47-75 - Tank T-75, Reaction Oil/Tall Oil Fractions, Utilities			10.7			24
EQT0117	4-80 - T-64, Rosin/Rosin Products Storage Tank, Post Refinery			13.5			32.2
EQT0118	4-84 - ST-1, Resinate Tank, Resinates			10.5			31.3
EQT0119	48-75 - Tank T-76, Reaction Oil/Tall Oil Fractions, Utilities			10.7			24
EQT0120	4-88 - RS-20, Rosin Storage Tank, Refinery			13			32
EQT0121	4-92 - T-202, Monomer Storage Tank Acrylics			10			14

INVENTORIES

A1 ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
 Activity Number: PER20070001
 Permit Number: 0320-00003-V2
 Air - Title V Regular Permit Renewal

Stack Information:		Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
ID								
DeRidder Facility								
EQT0122	4-93 - T-74, Tail Oil Fractions or Reaction Oils, Boiler House				10.5			31.3
EQT0123	4-94 - Tank ST-6, Dicyclopentadiene Storage Tank				10			26
EQT0124	4-95 - L-4, Printing Ink Oil Tank, Resinates				10			18
EQT0126	5-75 - Tank T-5, Crude Tall Oil, Refinery				34.4			36
EQT0127	5-84 - ST-2, Resinate Tank, Resinates				10.5			31.3
EQT0128	5-90 - Post Refinery Heater - Transfer Oil Heater				13			20
EQT0129	5-92 - T-203, Monomer Storage Tank, Acrylics				3280			460
EQT0130	5-94 - T-58, Rosin/Rosin Products and Intermediates, Ink Oils/Resin Solutions, Post Refinery				2.29			14
EQT0131	5-95 - Refinery Hotwell, Refinery				10			14
EQT0132	6-04 - Rotoclene on Resins Flaker Bell Weir Box No. 2				4100			25
EQT0133	6-75 - Tank T-6, Crude Tall Oil, Refinery				34.4			36
EQT0134	6-84 - ST-3, Resinate Tank, Resinates				10.5			31.3
EQT0135	6-92 - T-204, Monomer Storage Tank, Acrylics				10			14
EQT0136	6-94 - T-59, Rosin/Rosin Products and Intermediates, Ink Oils/Resin Solutions, Post Refinery				22			25
EQT0137	7-04 - Regenerative Thermal Oxidizer (RTO) No. 2				30			250
EQT0138	7-75 - Tank T-2, Crude Tall Oil, Refinery				12000			36
EQT0139	7-84 - ST-4, Toluene Tank, Resinates				34.4			31.3
EQT0140	7-87 - RS-2, Crude Tall Oil/Tall Oil Fractions Storage, Refinery				10.5			31.4
EQT0141	7-92 - T-205 Styrene/Acrylic Monomer Storage Tank				10			14
EQT0142	7-94 - T-62, Rosin/Rosin Products Storage Tank, Post Refinery				13.5			34
EQT0143	7-95 - Refinery Hot Well Tank, Refinery				5			11
EQT0144	B-04 - Flare Unit No. 2				12000			80
EQT0145	8-75 - Tank T-3, Crude Tall Oil, Refinery				3			800
EQT0146	8-84 - ST-5, Petroleum Distillate, Hard Resins				34.4			36
EQT0147	8-87 - RS-3, Crude Tall Oil/Tall Oil Fractions Storage, Refinery				10			14
EQT0148	8-92 - T-206, Monomer Storage Tank, Acrylics				10.5			31.4
EQT0149	8-95 - RS-10, Crude Tall Oil/Tall Oil Fractions Storage, Refinery				10			14
EQT0150	9-04 - Finished Product Tank Asphalt Emulsion Products				13			30
EQT0151	9-75 - Tank T-4, Crude Tall Oil, Refinery				34.4			36
EQT0152	9-87 - ST-21, Toluene Wash Tank, Resinates				8			9.5
EQT0153	9-92 - T-209, Monomer Storage Tank, Acrylics				10			14
EQT0154	9-95 - RS-11, Crude Tall Oil/Tall Oil Fractions, Refinery				10			31
EQT0155	CFA ZINC - CFA Zinc Tank							

INVENTORIES

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
DeRidder Facility							
EQT0156	DTA - Drop Tank A						
EQT0157	DTB - Drop Tank B						
EQT0158	F-1 - Tank F-1			10.5		31	
EQT0159	F-2 - Tank F-2			10.5		31	
EQT0160	F-3 - Tank F-3			10.5		31	
EQT0161	F-4 - Tank F-4			10.5		31	
EQT0162	F-6 - Tank F-6			10		12	
EQT0163	H-6 - Tank H-6, Reaction Oil Storage Tank			10		20	
EQT0164	H-7 - Tank H-7, Rosin Storage Tank			12		12	
EQT0165	Resin Drain Tank - Resinate Storage Tank						
EQT0166	RS-1 - Tank RS-1, Pitch Storage Tank			10.5		31	
EQT0167	ST-X1 - Tank ST-X1, n-Butanol Storage Tank			5		8	
EQT0168	T-80-731 - TK-80, Ink Oil/Resin Solution Storage Tank					30	
EQT0169	T-81-731 - TK-81, Ink Oil Storage Tank					25	
EQT0170	T-82-731 - TK-82, Ink Oil Storage Tank					25	
EQT0171	T-83-731 - TK-83, Ink Oil Storage Tank					25	
EQT0172	TK-A - Slurry TK-A (Resinates)			8		5	
EQT0173	TK-B - Slurry TK-B (Resinates)			8		5	
EQT0174	TK-C - Slurry TK-C (Resinates)			5		5	
EQT0175	V-1 - Tank V-1, Toluene/Reclaim Solvent/H2O Separat Tk			4		5	
EQT0176	V-13 - Tank V-113, Acrylic Organics Stor Tk			4		5.5	
EQT0177	V-2 - Tank V-2, Toluene/Reclaim Solvent Separation Tk			3		5.3	
EQT0178	PBLR - Package Boiler			125	33110	4	40
							400

INVENTORIES

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
 Activity Number: PER20070001
 Permit Number: 0320-00003-V2
 Air - Title V Regular Permit Renewal

Relationships:

ID	Description	Relationship	ID	Description
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0019	10-75 Tank T-18, CTO Feed Tank, Refinery
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0021	10-87 ST-23, Reclaimed Solvent / Butanol Tank, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0025	11-75 Tank T-19, CTO Feed Tank, Refinery
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0031	12-84 ST-9, Lactol Spirits, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0037	13-84 ST-10, Rotosolve, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0041	14-84 ST-11, Reclaimed Solvent Tank, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0042	14-87 Tank A-4, Fatty Acid Storage Tank
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0045	15-84 ST-12, Reclaimed Solvent Tank, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0049	16-84 ST-13, Reclaimed Solvent Tank, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0054	17-84 ST-14, Reclaimed Solvent Tank, Hard Resins
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0060	1-88 ST-26, Resinate/Toluene/Reclaimed Solvent Tank, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0061	18-87 T-79, Hazardous Waste Fuel Blend Tank, Utilities
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0062	1-89 ST-15, Reclaimed Solvent Tank, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0079	24-04 Acrylic Emulsion Product Drop Tank, Acrylics Plant
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0080	25-04 Acrylic Emulsion Pre-Mix Vessel, Acrylics Plant
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0081	26-04 Acrylic Emulsion Resolution Mix Tank, Acrylics Plant
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0086	2-88 ST-27, Reclaimed Solvent Tank, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0087	2-89 ST-16, Reclaimed Solvent Tank, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0118	4-84 ST-1, Resinate Tank, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0127	5-84 ST-2, Resinate Tank, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0131	5-95 Refinery Hotwell, Refinery
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0134	6-84 ST-3, Resinate Tank, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0139	7-84 ST-4, Toluene Tank, Resinates
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0143	7-95 Refinery Hot Well Tank, Refinery
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0152	9-87 ST-21, Toluene Wash Tank, Resinate
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0155	CFA ZINC CFA Zinc Tank
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0156	DTA Drop Tank A
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0157	DTB Drop Tank B
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0165	Resin Drain Tank, Resinate Storage Tank
EQT0016	1-03 Regenerative Thermal Oxidizer (RTO) System	Controls emissions from	EQT0176	V-113 Tank V-113, Acrylic Organics Stor Tk
EQT0066	1-97 Boiler House Flare	Controls emissions from	EQT0068	19-87 T-78, Hazardous Waste Fuel Feed Tank, Utilities
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0019	10-75 Tank T-1B, CTO Feed Tank, Refinery
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0021	10-87 ST-23, Reclaimed Solvent / Butanol Tank, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0025	11-75 Tank T-19, CTO Feed Tank, Refinery
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0031	12-84 ST-9, Lactol Spirits, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0037	13-84 ST-10, Rotosolve, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0041	14-84 ST-11, Reclaimed Solvent Tank, Resinates

INVENTORIES

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
 Activity Number: PER20070001
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 Air - Title V Regular Permit Renewal

Relationships:

ID	Description	Relationship	ID	Description
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0042	14-87 Tank A-4, Fatty Acid Storage Tank
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0045	15-84 ST-12, Reclaimed Solvent Tank, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0049	16-84 ST-13, Reclaimed Solvent Tank, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0054	17-84 ST-14, Reclaimed Solvent Tank, Hard Resins
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0060	18-88 ST-26, Resinate/oluene/Reclaimed Solvent Tank, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0061	18-87 T-79, Hazardous Waste Fuel Blend Tank, Utilities
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0062	1-89 ST-15, Reclaimed Solvent Tank, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0079	24-04 Acrylic Emulsion Product Drop Tank, Acrylics Plant
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0080	25-04 Acrylic Emulsion Pre-Mix Vessel, Acrylics Plant
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0081	26-04 Acrylic Emulsion Presolution Mix Tank, Acrylics Plant
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0086	2-88 ST-27, Reclaimed Solvent Tank, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0087	2-89 ST-16, Reclaimed Solvent Tank, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0118	4-84 ST-1, Resinate Tank, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0127	5-84 ST-2, Resinate Tank, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0131	5-95 Refinery Hotwell, Refinery
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0134	6-84 ST-3, Resinate Tank, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0139	7-84 ST-4, Toluene Tank, Resinates
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0143	7-95 Refinery Hot Well Tank, Refinery
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0152	9-87 ST-21, Toluene Wash Tank, Resinate
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0155	CFA ZINC CFA Zinc Tank
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0156	DTA Drop Tank A
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0157	DTB Drop Tank B
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0165	Resin Drain Tank Resinate Storage Tank
EQT0070	2-03 Enclosed Flare/Combustor System	Controls emissions from	EQT0176	V-113 Tank V-113, Acrylic Organics Start

Subject Item Groups:

ID	Group Type	Group Description	Member of Groups
GRP0015	Equipment Group	Steam Boiler Cap - Steam Generation Boiler Cap	GRP0000000015
UNF0001	Unit or Facility Wide	0320-00003 - DeRidder Facility	GRP0000000015

Group Membership:

ID	Description
EQT0053	1-75 - Steam Generation Boilers
EQT0178	PBLR - Package Boiler

INVENTORIES

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

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Air - Title V Regular Permit Renewal

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure	NESHAP Maintenance Fee
0650	Chemical and Chemical Prep. N.E.C. (Rated Capacity)	75	MM Lb/Yr	N
0650	Organic Oxides, Alcohols, Glycols (Rated Capacity)	36	MM Lb/Yr	N
0600	Gum and Wood Chemicals	1	Units	N
0570	Synthetic Resins Manufacture N.E.C. (Rated Capacity)	58	MM Lb/Yr	N

SIC Codes:

2821	Plastics materials and resins	A11514
2821	Plastics materials and resins	UNF001
2861	Gum and wood chemicals	A11514
2861	Gum and wood chemicals	UNF001
2869	Industrial organic chemicals, nec	A11514
2869	Industrial organic chemicals, nec	UNF001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-000003-V2

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
DeRidder Facility															
EQT 0014 10-04	1.03	1.03	.451	1.23	1.23	5.37	0.09	0.41	0.01	0.01	0.03	0.07	0.07	0.07	0.30
EQT 0015 1-01	0.63	0.75	2.59	0.75	0.90	3.09	0.11	0.13	0.47	3.58	4.30	15.69	5.67	6.80	19.67
EQT 0016 1-03															
EQT 0018 1-04															
EQT 0020 10-84															
EQT 0022 10-92															
EQT 0023 10-95															
EQT 0024 11-94															
EQT 0026 11-84															
EQT 0027 11-92															
EQT 0028 11-95															
EQT 0029 12-04															
EQT 0030 12-75															
EQT 0032 12-87															
EQT 0033 12-92															
EQT 0034 12-95															
EQT 0035 13-04															
EQT 0036 13-95															
EQT 0040 14-04															
EQT 0043 14-92															
EQT 0044 15-04															

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-000003-V2

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC			
	Avg lb/hr	Max lb/hr	Tons/Year													
DeRidder Facility																
EQT 0046 15-87										<0.001	<0.001	0.01	0.04	0.04	0.03	
EQT 0047 15-93										<0.001	0.001	0.01	0.85	0.85	0.05	
EQT 0048 16-04												0.07	4.50	0.32		
EQT 0050 16-97										<0.001	0.001	<0.001	0.02	0.62	0.08	
EQT 0051 16-93												0.02	3.00	0.07		
EQT 0052 17-04												0.07	4.50	0.32		
EQT 0053 17-5	20.54	24.36		36.98		145.71							1.21			
EQT 0055 17-93												0.02	3.00	0.07		
EQT 0056 18-0	0.70	0.70	3.07	0.87	1.22	3.79	0.08	0.20	0.33	0.22	2.59	0.95	0.05	0.05	0.20	
EQT 0057 18-04												0.07	4.50	0.32		
EQT 0058 1-84	1.06	1.06	4.65	1.31	1.85	5.75	0.11	0.31	0.50	0.33	3.94	1.45	0.07	0.07	0.31	
EQT 0059 18-75										<0.001	0.01	<0.001	0.001	0.21	0.01	
EQT 0063 18-93												0.02	3.10	0.08		
EQT 0064 19-04												0.07	4.50	0.32		
EQT 0065 1-85												0.06	15.60	0.24		
EQT 0066 1-97	6.15	6.15	13.74	1.13	1.13	2.52	0.12	0.12	0.28	0.01	0.01	0.17	93.20	0.36		
EQT 0067 19-75											0.001	0.11	0.003	0.11	15.70	0.47
EQT 0069 20-04												0.07	4.50	0.32		
EQT 0070 2-03	0.60	0.73	3.23	0.67	0.806	2.99	0.07	0.08	0.29	0.01	0.01	0.02	1.37	1.64	5.98	
EQT 0071 2-04											0.002	0.01	0.01	0.07	0.06	
EQT 0072 20-84										<0.001	0.002	<0.001	0.01	1.20	0.04	
EQT 0073 21-04												0.07	4.50	0.32		
EQT 0074 21-84											<0.001	0.77	0.01			

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Subject Item DeRidder Facility	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
EQT 0075 21-87										0.01	3.00	0.04	0.13	48.00	0.57
EQT 0076 22-04													0.07	4.50	0.32
EQT 0077 22-75													0.04	24.80	0.18
EQT 0078 23-04													0.04	27.00	0.16
EQT 0083 2-75	1.61	7.07	1.99	2.81	8.74	0.17	0.46	0.75	0.50	5.98	2.20	0.11	0.11	0.46	
EQT 0084 28-04									<0.001	0.001	<0.001	0.01	0.99	0.03	
EQT 0085 2-84							0.16	2.85	0.72						
EQT 0088 29-04									<0.001	0.001	<0.001	0.01	0.99	0.03	
EQT 0089 2-92									<0.001	0.001	<0.001	0.003	0.51	0.01	
EQT 0090 2-94							0.10	3.89	0.43				0.001	0.04	0.01
EQT 0091 2-95													0.06	15.60	0.24
EQT 0092 2B-84							0.46	1.42	2.00				0.30	0.73	1.31
EQT 0093 30-04													<0.001	3.30	0.001
EQT 0094 3-04	1.50	6.57	0.93	1.30	4.06	0.16	0.43	0.70	0.47	5.55	2.04	0.10	0.10	0.43	
EQT 0095 31-04													<0.001	<0.001	<0.001
EQT 0096 32-04													<0.001	2.50	0.001
EQT 0097 33-04													<0.001	1.90	0.001
EQT 0098 34-04													<0.001	2.60	0.001
EQT 0099 35-04													<0.001	0.02	0.002
EQT 0100 36-04													<0.001	0.02	0.002
EQT 0101 3-90													0.01	1.00	0.12
EQT 0102 38-75													0.001	0.01	0.18
EQT 0103 3-88													0.39	7.84	0.91

EMISSION RATES FOR CRITERIA POLLUTANTS

AIID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
DeRidder Facility															
EQT 0104 3-90										<0.001	8.00	<0.001			
EQT 0105 3-92										0.01	4.04	0.03			
EQT 0106 3-93							<0.001	0.33	0.001	0.18	250.00	0.79			
EQT 0107 3-94							<0.001	0.034	<0.001	<0.001	0.55	<0.001			
EQT 0108 3-95										0.06	15.60	0.24			
EQT 0109 39-75							<0.001	0.01	<0.001	0.01	1.82	0.04			
EQT 0110 3A-88							0.12	3.75	0.53						
EQT 0111 3B-88							0.46	1.42	2.00				0.30	0.74	1.32
EQT 0112 4-04	1.03	1.03	4.51	0.61	0.61	2.68	0.09	0.09	0.41	0.01	0.74	0.03	0.07	0.07	0.30
EQT 0113 40-75										<0.001	0.06	0.001	<0.001	0.10	0.002
EQT 0114 44-75											0.002	0.88	0.01		
EQT 0115 4-75										0.001	0.002	0.001	0.001	0.01	0.003
EQT 0116 47-75										0.001	0.10	0.004	0.02	1.50	0.07
EQT 0117 4-30										0.02	2.80	0.10	0.39	120.00	3.20
EQT 0119 48-75										0.001	0.10	0.004	0.02	1.50	0.07
EQT 0120 4-88										<0.001	0.001	<0.001	0.03	0.46	0.14
EQT 0121 4-92												0.01	4.04	0.03	
EQT 0122 4-93										0.002	0.03	, 0.001	0.003	0.46	0.01
EQT 0123 4-94												<0.001	0.41	0.001	
EQT 0124 4-95												0.06	15.60	0.24	
EQT 0125 5-04															
EQT 0126 5-75	1.00	1.00	4.40	1.24	1.75	5.44	0.11	0.29	0.47	0.31	3.72	1.37	0.07	0.07	0.29
EQT 0128 5-90							0.17	2.85	0.77						

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
DeRidder Facility															
EQT 0129 5-92													0.01	4.04	0.02
EQT 0130 5-94							0.001	0.13	0.002	0.41	99.00	1.80			
EQT 0132 6-04				0.46	1.42	2.00				0.30	0.73	1.31			
EQT 0133 6-75							<0.001	0.002	0.001	0.001	0.01	0.003			
EQT 0135 6-92													0.004	4.04	0.02
EQT 0136 6-94							0.001	0.13	0.002	0.41	99.00	1.80			
EQT 0137 7-04	0.32	0.38	1.13	0.38	0.45	1.34	0.03	0.15	0.11	0.50	0.67	1.76	0.63	63.91	2.67
EQT 0138 7-75										<0.001	0.002	0.001	0.001	0.01	0.003
EQT 0140 7-87										<0.001	0.34	0.002	0.002	1.90	0.01
EQT 0141 7-92													0.001	4.00	0.004
EQT 0142 7-94															
EQT 0144 8-04	0.34	0.34	1.47	0.40	0.40	1.75	0.03	0.03	0.13	0.002	0.002	0.01	1.30	76.97	4.97
EQT 0145 8-75										<0.001	0.002	0.001	0.001	0.009	0.003
EQT 0146 8-84													<0.001	2.40	0.002
EQT 0147 8-87										<0.001	0.34	0.002	0.002	1.90	0.01
EQT 0148 8-92													0.01	4.04	0.02
EQT 0149 8-95										0.001	0.13	0.004	0.01	0.74	0.02
EQT 0150 9-04										0.04	1.70	0.16	0.64	30.00	2.79
EQT 0151 9-75										<0.001	0.002	0.001	0.001	0.009	0.003
EQT 0153 9-92													0.01	4.04	0.02
EQT 0154 9-95													0.01	0.74	0.02
EQT 0158 F-1										<0.001	0.009	<0.001	0.001	1.20	0.01
EQT 0159 F-2										<0.001	0.009	<0.001	0.001	1.20	0.01

EMISSION RATES FOR CRITERIA POLLUTANTS

All ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
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Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
DeRidder Facility															
EQT 0160 F-3							<0.001	0.009	<0.001	0.001	0.001	1.20	0.01		
EQT 0161 F-4							<0.001	0.009	<0.001	0.001	0.001	1.20	0.01		
EQT 0162 F-6							<0.001	<0.001	<0.001	<0.001	0.016	<0.001			
EQT 0163 H-6							<0.001	0.03	<0.001	0.001	0.001	0.52	0.003		
EQT 0164 H-7							<0.001	0.003	<0.001	0.002	0.002	2.28	0.01		
EQT 0166 RS-1							<0.001	0.003	<0.001	<0.001	0.30	0.002			
EQT 0167 St-x1										<0.001	0.31	<0.001			
EQT 0168 T-80-731										0.05	4.32	0.22			
EQT 0169 T-81-731										<0.001	0.04	0.001			
EQT 0170 T-82-731										<0.001	0.04	0.001			
EQT 0171 T-83-731										<0.001	0.04	0.001			
EQT 0172 TK-A										0.04	11.00	0.19			
EQT 0173 TK-B										0.05	2.90	0.21			
EQT 0174 TK-C										0.04	3.00	0.19			
EQT 0175 V-1										0.01	4.00	0.03			
EQT 0177 V-2										0.004	1.36	0.02			
EQT 0178 PBLR		7.37			9.77			0.74		0.60		0.54			
FUG 0002 46-75									<0.001	0.001	<0.001	8.60	83.46	37.77	
GRP 0015 Steam Boiler Cap	7.70		33.72	24.36		105.68	9.85	42.16	22.70	98.41	1.05	4.61			

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

Emission rates Notes:

- EQT 0016 VOC Tons/Year
 EQT 0022 VOC Tons/Year
- 1) Control device is a regenerative thermal oxidizer. Closed vent system and control device will control emissions from Resinate, St. John Hard Resins, Post Refinery, and Acrylic Areas.
 - 2) Maximum lb/hr emissions based on average lb/hr emissions plus 20%. Which Months: All Year
 This Tank is in multi-service to include Oil Field Products. Which Months: All Year

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

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EQT 0027	VOC	Tons/Year	This Tank is in multi-service to include Oil Field Products. Which Months: All Year
EQT 0033	VOC	Tons/Year	This tank will have multi-service to include Solvents (Isopar, diesel, etc.) for Oil Field Products or Gasoline for emergency use only. Which Months: All Year
EQT 0053	VOC	Max lb/hr	The emissions from this boiler are capped. See Steam Generation Boiler Cap, Emission Point No. Steam Boiler Cap, and Part 70 Specific Condition No. 1 in Appendix A. Which Months: All Year
EQT 0065	VOC	Tons/Year	Currently Out of Service Which Months: All Year
EQT 0070	VOC	Tons/Year	1) The EOF functions as the primary control device for the vent streams from the Hydrocarbon Hard Resins Area. The EOF also functions as the secondary control device for vent streams from the Hard Resins Area, Resinates Area, Post Refinery Area, and Acrylics Area. 2) Maximum lb/hr emissions based on average lb/hr emissions plus 20%. 3) Emissions are maximum emissions from the Hydrocarbon Hard Resins process and natural gas combustion due to this process and for the EOF when used as a backup control device. Which Months: All Year Currently out of service. Which Months: All Year
EQT 0091	VOC	Tons/Year	This Tank stores rosin, rosin products, tall oil fractions, and asphalt emulsion products. Also, this Tank is in multi-service to include Oil Field Products. The product with the highest vapor pressure has been used to calculate VOC emissions. Which Months: All Year
EQT 0101	VOC	Tons/Year	This Tank is in multi-service to include Oil Field Products. Which Months: All Year
EQT 0105	VOC	Tons/Year	Currently out of service. Which Months: All Year
EQT 0108	VOC	Tons/Year	This tank stores rosin, rosin products, TOFA ester, resin solution, amine raw materials, and asphalt emulsion products. Also, this tank is in multi-service to include Oil Field Products. The product with the highest vapor pressure has been used to calculate VOC emissions. Which Months: All Year
EQT 0117	VOC	Tons/Year	This Tank is in multi-service to include Oil Field Products. Which Months: All Year
EQT 0121	VOC	Tons/Year	Currently out of service. Which Months: All Year
EQT 0124	VOC	Tons/Year	This Tank is in multi-service to include Solvents (Isopar, diesel, etc.). Which Months: All Year
EQT 0129	VOC	Tons/Year	This Tank is in multi-service to include Solvents (Isopar, diesel, etc.). Which Months: All Year
EQT 0135	VOC	Tons/Year	This Tank is in multi-service to include Oil Field Products. Which Months: All Year
EQT 0141	VOC	Tons/Year	This Tank is in multi-service to include Oil Field Products. Which Months: All Year
EQT 0142	VOC	Tons/Year	This Tank is in multi-service to include Oil Field Products. Which Months: All Year
EQT 0148	VOC	Tons/Year	This Tank is in multi-service to include Solvents (Isopar, diesel, etc.). Which Months: All Year
EQT 0158	VOC	Tons/Year	This tank routes to the F-Tanks condenser. Due to intermittent peaks in emission rates from occasional conservation venting of the tank, the maximum lb/hr is based on maximum fill rate and no control. Which Months: All Year
EQT 0159	VOC	Tons/Year	This tank routes to the F-Tanks condenser. Due to intermittent peaks in emission rates from occasional conservation venting of the tank, the maximum lb/hr is based on maximum fill rate and no control. Which Months: All Year
EQT 0160	VOC	Tons/Year	This tank routes to the F-Tanks condenser. Due to intermittent peaks in emission rates from occasional conservation venting of the tank, the maximum lb/hr is based on maximum fill rate and no control. Which Months: All Year
EQT 0161	VOC	Tons/Year	This tank routes to the F-Tanks condenser. Due to intermittent peaks in emission rates from occasional conservation venting of the tank, the maximum lb/hr is based on maximum fill rate and no control. Which Months: All Year
EQT 0162	VOC	Tons/Year	This tank routes to the F-Tanks condenser. Due to intermittent peaks in emission rates from occasional conservation venting of the tank, the maximum lb/hr is based on maximum fill rate and no control. Which Months: All Year
EQT 0178	VOC	Max lb/hr	The emissions from this boiler are capped. See Steam Generation Boiler Cap, Emission Point No. Steam Boiler Cap, and Part 70 Specific Condition No. 1 in Appendix A. Which Months: All Year
GRP 0015	VOC	Tons/Year	This is the cap for the Steam Generation Boilers, Emission Point 1-75, and the Package Boiler, Emission Point No. PBLR. See Part 70 Specific Condition No. 1 in Appendix A. Which Months: All Year

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
 Activity Number: PER20070001
 Permit Number: 0320-00003-V2
 Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0014 10-04	Acetaldehyde	< 0.001	0.001	< 0.001
	Carbonyl sulfide	0.001	0.051	0.005
	Ethyl benzene	< 0.001	< 0.001	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	0.006	0.280	0.027
	Methanol	0.25	12.00	1.10
	Methyl ethyl ketone	< 0.001	0.011	0.001
	Toluene	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	0.02	0.94	0.09
	n-Hexane	< 0.001	< 0.001	< 0.001
EQT 0016 1-03	n-butyl alcohol	0.004	0.210	0.019
	Acetaldehyde	0.004	0.01	0.019
	Acrylic acid	0.002	0.002	0.01
	Ammonia	0.021	0.025	0.093
	Benzene	0.008	0.01	0.037
	Carbon disulfide	< 0.001	0.001	< 0.001
	Carbonyl sulfide	0.002	0.002	0.010
	Ethyl Acrylate	0.001	0.001	0.004
	Ethyl benzene	0.004	0.005	0.018
	Formaldehyde	0.606	0.727	2.655
	Glycol ethers (Table 51.1)	< 0.001	0.001	< 0.001
	Hydrogen sulfide	0.031	0.037	0.135
	Iodomethane	0.038	0.046	0.329
	Maleic anhydride	0.003	0.004	0.013
	Methanol	0.013	0.016	0.056
	Methyl ethyl ketone	< 0.001	0.001	< 0.001
	Methyl methacrylate	0.008	0.01	0.034
	Naphthalene	0.034	0.041	0.151
	Phenol	0.001	0.001	0.006
	Pyrocatechol	< 0.001	0.001	< 0.001
	Styrene	0.042	0.05	0.184
	Toluene	1.009	1.211	4.421
	Total reduced sulfur	0.04	0.05	0.19
	Xylene (mixed isomers)	0.008	0.01	0.036

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0016 1-03	Zinc (and compounds)	0.034	0.571	0.120
	n-Hexane	0.041	0.049	0.182
	n-butyl alcohol	0.049	0.059	0.214
EQT 0018 1-04	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	0.003	0.005	0.002
	Methanol	0.001	0.005	0.004
	Phenol	< 0.001	< 0.001	< 0.001
	Pyrocatechol	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	0.01	0.03	0.02
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0020 10-84	Naphthalene	< 0.001	0.34	0.002
EQT 0022 10-92	Acrylic acid	< 0.001	1.34	0.001
EQT 0023 10-95	Carbonyl sulfide	< 0.001	0.002	< 0.001
	Hydrogen sulfide	< 0.001	0.027	0.001
	Methanol	0.001	0.15	0.004
	Phenol	< 0.001	0.004	< 0.001
	Pyrocatechol	< 0.001	0.003	< 0.001
	Total reduced sulfur	0.002	0.26	0.01
	Xylene (mixed isomers)	< 0.001	0.016	< 0.001
	n-butyl alcohol	< 0.001	0.003	< 0.001
EQT 0026 11-84	Naphthalene	< 0.001	0.006	< 0.001
	Styrene	< 0.001	0.31	< 0.001
	Xylene (mixed isomers)	< 0.001	0.22	< 0.001
EQT 0028 11-95	Carbonyl sulfide	< 0.001	0.003	< 0.001
	Hydrogen sulfide	< 0.001	0.031	0.001
	Methanol	0.001	0.180	0.005
	Phenol	< 0.001	0.005	< 0.001
	Pyrocatechol	< 0.001	0.004	< 0.001
	Total reduced sulfur	0.002	0.31	0.01
	Xylene (mixed isomers)	< 0.001	0.018	< 0.001
	n-butyl alcohol	< 0.001	0.003	< 0.001
EQT 0030 12-75	Hydrogen sulfide	< 0.001	0.015	< 0.001
	Methanol	0.005	0.60	0.02

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0030 12-75	Total reduced sulfur	< 0.001	0.049	0.002
	n-butyl alcohol	< 0.001	0.001	< 0.001
EQT 0032 12-87	Carbonyl sulfide	< 0.001	0.003	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.004	< 0.001
	Methanol	0.001	0.052	0.004
	Methyl ethyl ketone	< 0.001	0.001	< 0.001
	Total reduced sulfur	< 0.001	0.015	0.001
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0033 12-92	2,2,4-Trimethylpentane	0.001	0.65	0.003
	Benzene	0.001	0.73	0.003
	Ethyl benzene	< 0.001	0.081	< 0.001
	Toluene	0.001	1.00	0.004
	Xylene (mixed isomers)	< 0.001	0.40	0.002
	n-Hexane	0.001	1.30	0.005
EQT 0035 13-04	Styrene	0.001	0.42	0.005
EQT 0036 13-75	Hydrogen sulfide	< 0.001	0.012	0.001
	Methanol	0.009	0.501	0.041
	Total reduced sulfur	0.001	0.04	0.003
	n-butyl alcohol	< 0.001	0.009	0.001
EQT 0038 13-92	Carbonyl sulfide	0.001	0.006	0.004
	Hydrogen sulfide	0.01	0.08	0.05
	Methanol	0.18	0.66	0.52
	Total reduced sulfur	0.02	0.12	0.08
EQT 0040 14-04	Methyl methacrylate	0.004	2.20	0.02
EQT 0043 14-92	Hydrogen sulfide	0.16	1.63	0.72
	Methanol	0.02	0.20	0.09
	Total reduced sulfur	0.89	8.93	3.91
EQT 0046 15-87	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	< 0.001	< 0.001
	Methanol	< 0.001	0.001	0.001
	Methyl ethyl ketone	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0046 15-87	Total reduced sulfur	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0047 15-93	Carbonyl sulfide	< 0.001	0.002	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.002	< 0.001
	Methanol	< 0.001	0.026	< 0.001
	Methyl ethyl ketone	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	< 0.001	0.008	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0048 16-04	Methyl methacrylate	< 0.001	< 0.001	< 0.001
	Styrene	< 0.001	< 0.001	< 0.001
EQT 0050 16-87	Carbonyl sulfide	< 0.001	0.001	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.001	< 0.001
	Methanol	0.001	0.019	0.002
	Methyl ethyl ketone	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	< 0.001	0.005	0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0051 16-93	Methyl methacrylate	< 0.001	< 0.001	< 0.001
	Styrene	< 0.001	< 0.001	< 0.001
EQT 0052 17-04	Methyl methacrylate	< 0.001	< 0.001	< 0.001
	Styrene	< 0.001	< 0.001	< 0.001
EQT 0053 1-75	Benzene		< 0.001	
	Ethyl benzene		0.001	
	Naphthalene		0.032	
	Styrene		0.088	
	Sulfuric acid		3.20	
	Toluene		0.193	
	Xylene (mixed isomers)		0.036	
	Zinc (and compounds)		1.84	
EQT 0055 17-93	n-Hexane		< 0.001	
	Methyl methacrylate	< 0.001	< 0.001	< 0.001
EQT 0057 18-04	Styrene	< 0.001	< 0.001	< 0.001
	Methyl methacrylate	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

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Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0057 18-04	Styrene	< 0.001	< 0.001	< 0.001
EQT 0059 18-75	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.002	< 0.001
	Methanol	0.001	0.09	0.003
	Total reduced sulfur	< 0.001	0.007	< 0.001
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	0.002	< 0.001
EQT 0063 18-93	Methyl methacrylate	< 0.001	< 0.001	< 0.001
	Styrene	< 0.001	< 0.001	< 0.001
EQT 0064 19-04	Methyl methacrylate	< 0.001	< 0.001	< 0.001
	Styrene	< 0.001	< 0.001	< 0.001
EQT 0065 1-95	Naphthalene	0.002	0.684	0.011
EQT 0066 1-97	Benzene	< 0.001	0.143	< 0.001
	Ethyl benzene	< 0.001	0.563	< 0.001
	Hydrogen sulfide	< 0.001	< 0.001	< 0.001
	Methanol	< 0.001	0.004	< 0.001
	Naphthalene	< 0.001	0.284	0.001
	Styrene	0.005	6.18	0.023
	Toluene	0.024	27.58	0.103
	Total reduced sulfur	< 0.001	< 0.001	< 0.001
	Xylene (mixed isomers)	0.003	3.872	0.014
EQT 0067 19-75	n-butyl alcohol	< 0.001	0.001	< 0.001
	Hydrogen sulfide	0.001	0.199	0.006
	Methanol	0.014	2.09	0.063
	Naphthalene	0.014	0.688	0.063
	Total reduced sulfur	0.002	0.28	0.01
EQT 0069 20-04	Xylene (mixed isomers)	0.001	0.213	0.006
	Methyl methacrylate	< 0.001	< 0.001	< 0.001
	Styrene	< 0.001	< 0.001	< 0.001
EQT 0070 2-03	Ethyl benzene	0.001	0.001	0.006
	Formaldehyde	0.033	0.04	0.144
	Naphthalene	0.01	0.012	0.045
	Styrene	0.001	0.001	0.006
	Toluene	0.005	0.006	0.024

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
 Activity Number: PER20070001
 Permit Number: 0320-00003-V2
 Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0070 2-03	Xylene (mixed isomers)	0.012	0.591	0.052
EQT 0071 2-04	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	0.003	0.005	0.002
	Methanol	0.001	0.005	0.004
	Phenol	< 0.001	< 0.001	< 0.001
	Pyrocatechol	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	0.01	0.03	0.02
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0072 20-84	Carbonyl sulfide	< 0.001	0.002	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.002	< 0.001
	Methanol	< 0.001	0.035	0.001
	Methyl ethyl ketone	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	< 0.001	0.01	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0073 21-04	Methyl methacrylate	< 0.001	< 0.001	< 0.001
	Styrene	< 0.001	< 0.001	< 0.001
EQT 0074 21-84	Maleic anhydride	< 0.001	0.77	0.001
EQT 0075 21-87	Carbonyl sulfide	< 0.001	0.091	0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	0.001	0.51	0.006
	Methanol	0.056	21.00	0.25
	Methyl ethyl ketone	< 0.001	0.02	< 0.001
	Naphthalene	0.006	2.30	0.028
	Total reduced sulfur	0.01	1.70	0.02
	n-butyl alcohol	0.001	0.37	0.004
EQT 0076 22-04	Methyl methacrylate	< 0.001	< 0.001	< 0.001
	Styrene	< 0.001	< 0.001	< 0.001
EQT 0077 22-75	2,2,4-Trimethylpentane	< 0.001	0.20	0.002
	Benzene	< 0.001	0.22	0.002
	Ethyl benzene	< 0.001	0.025	< 0.001
	Toluene	0.001	0.322	0.002
	Xylene (mixed isomers)	< 0.001	0.12	0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0077 22-75	n-Hexane	0.001	0.397	0.003
EQT 0078 23-04	Methyl methacrylate	< 0.001	0.002	< 0.001
	Styrene	< 0.001	< 0.001	< 0.001
EQT 0084 28-04	Carbonyl sulfide	< 0.001	0.002	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.002	< 0.001
	Methanol	< 0.001	0.03	0.001
	Methyl ethyl ketone	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	< 0.001	0.01	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0088 29-04	Carbonyl sulfide	< 0.001	0.002	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.002	< 0.001
	Methanol	< 0.001	0.03	0.001
	Methyl ethyl ketone	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	< 0.001	0.01	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0089 2-92	Carbonyl sulfide	< 0.001	0.001	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.001	< 0.001
	Methanol	< 0.001	0.02	< 0.001
	Methyl ethyl ketone	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	< 0.001	0.004	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0090 2-94	Formaldehyde	< 0.001	0.041	0.005
	Zinc (and compounds)	0.02	0.60	0.07
EQT 0091 2-95	Naphthalene	0.002	0.68	0.01
EQT 0093 30-04	Maleic anhydride	< 0.001	3.30	0.001
EQT 0096 32-04	Naphthalene	< 0.001	0.01	< 0.001
	Styrene	< 0.001	0.46	< 0.001
	Xylene (mixed isomers)	< 0.001	0.32	< 0.001
EQT 0098 34-04	Naphthalene	< 0.001	0.011	< 0.001
	Styrene	< 0.001	0.56	< 0.001
	Xylene (mixed isomers)	< 0.001	0.39	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0099 35-04	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.004	< 0.001
	Methanol	0.001	0.14	0.004
	Total reduced sulfur	< 0.001	0.011	< 0.001
	Xylene (mixed isomers)	< 0.001	0.005	< 0.001
	n-butyl alcohol	< 0.001	0.002	< 0.001
EQT 0100 36-04	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.004	< 0.001
	Methanol	0.001	0.14	0.004
	Total reduced sulfur	< 0.001	0.011	< 0.001
	Xylene (mixed isomers)	< 0.001	0.005	< 0.001
	n-butyl alcohol	< 0.001	0.002	< 0.001
EQT 0101 3-80	Acetaldehyde	< 0.001	0.005	< 0.001
	Benzene	< 0.001	< 0.001	< 0.001
	Ethyl benzene	< 0.001	0.001	< 0.001
	Hydrogen sulfide	0.001	0.18	0.006
	Iodomethane	< 0.001	0.13	0.001
	Methanol	0.052	7.20	0.23
	Toluene	< 0.001	0.002	< 0.001
	Total reduced sulfur	0.004	0.59	0.02
	n-Hexane	< 0.001	0.003	< 0.001
EQT 0102 38-75	n-butyl alcohol	0.001	0.13	0.004
	Hydrogen sulfide	0.002	0.02	0.01
	Methanol	0.02	0.26	0.10
	Total reduced sulfur	0.003	0.03	0.01
EQT 0104 3-90	Xylene (mixed isomers)	0.002	0.03	0.01
	Maleic anhydride	< 0.001	8.00	< 0.001
EQT 0105 3-92	Ethyl Acrylate	0.006	4.04	0.027
EQT 0106 3-93	Carbonyl sulfide	< 0.001	0.44	0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.54	0.002
	Methanol	0.006	7.60	0.024
	Methyl ethyl ketone	< 0.001	0.094	< 0.001
	Naphthalene	0.008	11.00	0.035

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0106 3-93	Total reduced sulfur	0.002	6.50	0.01
	n-butyl alcohol	< 0.001	0.058	< 0.001
EQT 0107 3-94	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.006	< 0.001
	Methanol	< 0.001	0.24	< 0.001
	Total reduced sulfur	< 0.001	0.02	< 0.001
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	0.004	< 0.001
EQT 0108 3-95	Naphthalene	0.002	0.684	0.011
EQT 0109 39-75	Hydrogen sulfide	< 0.001	0.023	< 0.001
	Methanol	0.001	0.24	0.005
	Total reduced sulfur	< 0.001	0.032	0.001
	Xylene (mixed isomers)	< 0.001	0.025	0.001
EQT 0114 44-75	Hydrogen sulfide	< 0.001	0.013	< 0.001
	Methanol	0.001	0.383	0.004
	Total reduced sulfur	< 0.001	0.031	0.003
	Xylene (mixed isomers)	< 0.001	0.013	< 0.001
	n-butyl alcohol	< 0.001	0.007	< 0.001
EQT 0115 4-75	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	< 0.001	< 0.001
	Methanol	< 0.001	0.001	< 0.001
	Phenol	< 0.001	< 0.001	< 0.001
	Pyrocatechol	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	< 0.001	0.003	0.001
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
EQT 0116 47-75	n-butyl alcohol	< 0.001	< 0.001	< 0.001
	Carbonyl sulfide	< 0.001	0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.016	0.001
	Methanol	0.007	0.67	0.03
	Total reduced sulfur	< 0.001	0.054	0.003
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
EQT 0117 4-80	n-butyl alcohol	< 0.001	0.012	0.001
	Acetaldehyde	< 0.001	0.003	< 0.001
	Carbonyl sulfide	0.001	0.085	0.003

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0117 4-80	Ethyl benzene	< 0.001	< 0.001	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	0.004	0.47	0.016
	Methanol	0.15	19.00	0.67
	Methyl ethyl ketone	< 0.001	0.018	0.001
	Naphthalene	0.017	2.20	0.075
	Toluene	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	0.01	1.60	0.06
	n-Hexane	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	0.003	0.34	0.012
EQT 0119 4B-75	Carbonyl sulfide	< 0.001	0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.016	0.001
	Methanol	0.007	0.67	0.03
	Total reduced sulfur	0.001	0.05	0.003
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	0.012	0.001
EQT 0120 4-88	Carbonyl sulfide	< 0.001	0.001	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.001	< 0.001
	Methanol	0.001	0.014	0.004
	Methyl ethyl ketone	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	< 0.001	0.004	0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0122 4-93	Hydrogen sulfide	< 0.001	0.007	< 0.001
	Methanol	0.001	0.20	0.005
	Total reduced sulfur	< 0.001	0.016	< 0.001
	Xylene (mixed isomers)	< 0.001	0.007	< 0.001
	n-butyl alcohol	< 0.001	0.004	< 0.001
EQT 0124 4-95	Naphthalene	0.002	0.684	0.011
EQT 0126 5-75	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	< 0.001	< 0.001
	Methanol	< 0.001	0.001	< 0.001
	Phenol	< 0.001	< 0.001	< 0.001
	Pyrocatechol	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0126 5-75	Total reduced sulfur	< 0.001	0.003	0.001
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0130 5-94	Carbonyl sulfide	0.001	0.17	0.003
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	0.001	0.211	0.004
	Methanol	0.012	3.00	0.054
	Methyl ethyl ketone	< 0.001	0.036	0.001
	Naphthalene	0.018	4.34	0.079
	Total reduced sulfur	0.003	0.84	0.015
	n-butyl alcohol	< 0.001	0.022	< 0.001
EQT 0133 6-75	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	< 0.001	< 0.001
	Methanol	< 0.001	0.001	< 0.001
	Phenol	< 0.001	< 0.001	< 0.001
	Pyrocatechol	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	< 0.001	0.003	0.001
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0135 6-92	Methyl methacrylate	0.004	4.04	0.018
EQT 0136 6-94	Carbonyl sulfide	0.001	0.17	0.003
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	0.001	0.21	0.004
	Methanol	0.012	3.00	0.054
	Methyl ethyl ketone	< 0.001	0.036	0.001
	Naphthalene	0.018	4.34	0.079
	Total reduced sulfur	0.003	0.84	0.02
	n-butyl alcohol	< 0.001	0.022	< 0.001
EQT 0137 7-04	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Formaldehyde	0.16	52.80	0.72
	Hydrogen sulfide	< 0.001	< 0.001	< 0.001
	Maleic anhydride	< 0.001	0.10	0.001
	Methanol	< 0.001	0.003	< 0.001
	Methyl ethyl ketone	< 0.001	< 0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0137 7-04	Naphthalene	0.01	1.30	0.06
	Phenol	< 0.001	0.14	0.002
	Total reduced sulfur	< 0.001	< 0.001	< 0.001
	Zinc (and compounds)	0.002	0.11	0.01
	n-butyl alcohol	0.02	0.91	0.08
EQT 0138 7-75	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	< 0.001	< 0.001
	Methanol	< 0.001	0.001	< 0.001
	Phenol	< 0.001	< 0.001	< 0.001
	Pyrocatechol	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	< 0.001	0.003	0.001
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0140 7-87	Carbonyl sulfide	< 0.001	0.006	< 0.001
	Hydrogen sulfide	< 0.001	0.07	< 0.001
	Methanol	< 0.001	0.40	0.002
	Phenol	< 0.001	0.01	< 0.001
	Pyrocatechol	< 0.001	0.008	< 0.001
	Total reduced sulfur	0.001	0.68	0.003
	Xylene (mixed isomers)	< 0.001	0.04	< 0.001
	n-butyl alcohol	< 0.001	0.007	< 0.001
EQT 0141 7-92	Styrene	0.001	4.00	0.004
EQT 0142 7-94	Acetaldehyde	< 0.001	0.003	< 0.001
	Carbonyl sulfide	0.001	0.21	0.004
	Ethyl benzene	< 0.001	< 0.001	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	0.001	0.26	0.005
	Methanol	0.017	3.70	0.074
	Methyl ethyl ketone	< 0.001	0.045	0.001
	Naphthalene	0.025	5.40	0.11
	Toluene	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	0.005	1.00	0.02
	n-Hexane	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	0.03	0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0144 8-04	Ethyl benzene	0.001	0.055	0.005
	Formaldehyde	0.033	26.40	0.144
	Naphthalene	0.176	0.457	0.04
	Styrene	0.001	0.053	0.005
	Toluene	0.004	0.224	0.20
	Xylene (mixed isomers)	0.01	0.486	0.043
EQT 0145 8-75	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	< 0.001	< 0.001
	Methanol	< 0.001	0.001	< 0.001
	Phenol	< 0.001	< 0.001	< 0.001
	Pyrocatechol	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	< 0.001	0.003	0.001
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0146 8-84	Naphthalene	< 0.001	0.009	< 0.001
	Styrene	< 0.001	0.44	< 0.001
	Xylene (mixed isomers)	< 0.001	0.31	< 0.001
EQT 0147 8-87	Carbonyl sulfide	< 0.001	0.006	< 0.001
	Hydrogen sulfide	< 0.001	0.069	< 0.001
	Methanol	< 0.001	0.40	0.002
	Phenol	< 0.001	0.011	< 0.001
	Pyrocatechol	< 0.001	0.008	< 0.001
	Total reduced sulfur	0.001	0.683	0.003
	Xylene (mixed isomers)	< 0.001	0.041	< 0.001
	n-butyl alcohol	< 0.001	0.007	< 0.001
EQT 0149 8-95	Carbonyl sulfide	< 0.001	0.002	< 0.001
	Hydrogen sulfide	< 0.001	0.027	0.001
	Methanol	0.001	0.15	0.004
	Phenol	< 0.001	0.004	< 0.001
	Pyrocatechol	< 0.001	0.003	< 0.001
	Total reduced sulfur	0.002	0.26	0.007
	Xylene (mixed isomers)	< 0.001	0.016	< 0.001
	n-butyl alcohol	< 0.001	0.003	< 0.001
EQT 0150 9-04	Acetaldehyde	< 0.001	0.001	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0150 9-04	Carbonyl sulfide	0.001	0.051	0.005
	Ethyl benzene	< 0.001	< 0.001	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	0.006	0.28	0.027
	Methanol	0.25	12.00	1.10
	Methyl ethyl ketone	< 0.001	0.011	0.001
	Toluene	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	0.02	0.94	0.09
	n-Hexane	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	0.004	0.21	0.019
EQT 0151 9-75	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	< 0.001	< 0.001
	Methanol	< 0.001	0.001	< 0.001
	Phenol	< 0.001	< 0.001	< 0.001
	Pyrocatechol	< 0.001	< 0.001	< 0.001
	Total reduced sulfur	< 0.001	0.003	0.001
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0154 9-95	Carbonyl sulfide	< 0.001	0.002	< 0.001
	Hydrogen sulfide	< 0.001	0.027	0.001
	Methanol	0.001	0.15	0.004
	Phenol	< 0.001	0.004	< 0.001
	Pyrocatechol	< 0.001	0.003	< 0.001
	Total reduced sulfur	0.002	0.26	0.007
	Xylene (mixed isomers)	< 0.001	0.016	< 0.001
	n-butyl alcohol	< 0.001	0.003	< 0.001
EQT 0158 F-1	Hydrogen sulfide	< 0.001	0.016	< 0.001
	Methanol	< 0.001	0.17	0.001
	Total reduced sulfur	< 0.001	0.022	< 0.001
	Xylene (mixed isomers)	< 0.001	0.017	< 0.001
EQT 0159 F-2	Hydrogen sulfide	< 0.001	0.016	< 0.001
	Methanol	< 0.001	0.17	0.001
	Total reduced sulfur	< 0.001	0.022	< 0.001
	Xylene (mixed isomers)	< 0.001	0.017	< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0160 F-3	Hydrogen sulfide	< 0.001	0.016	< 0.001
	Methanol	< 0.001	0.17	0.001
	Total reduced sulfur	< 0.001	0.022	< 0.001
	Xylene (mixed isomers)	< 0.001	0.017	< 0.001
EQT 0161 F-4	Hydrogen sulfide	< 0.001	0.016	< 0.001
	Methanol	< 0.001	0.17	0.001
	Total reduced sulfur	< 0.001	0.022	< 0.001
	Xylene (mixed isomers)	< 0.001	0.017	< 0.001
EQT 0162 F-6	Hydrogen sulfide	< 0.001	< 0.001	< 0.001
	Methanol	< 0.001	0.002	< 0.001
	Total reduced sulfur	< 0.001	< 0.001	< 0.001
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
EQT 0163 H-6	Hydrogen sulfide	< 0.001	0.005	< 0.001
	Methanol	< 0.001	0.223	0.001
	Total reduced sulfur	< 0.001	0.018	< 0.001
	n-butyl alcohol	< 0.001	0.004	< 0.001
EQT 0164 H-7	Carbonyl sulfide	< 0.001	0.004	< 0.001
	Formaldehyde	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	0.005	< 0.001
	Methanol	< 0.001	0.069	< 0.001
	Methyl ethyl ketone	< 0.001	0.001	< 0.001
	Total reduced sulfur	< 0.001	0.019	< 0.001
	n-butyl alcohol	< 0.001	0.001	< 0.001
EQT 0166 RS-1	Carbonyl sulfide	< 0.001	< 0.001	< 0.001
	Hydrogen sulfide	< 0.001	< 0.001	< 0.001
	Methanol	< 0.001	0.003	< 0.001
	Total reduced sulfur	< 0.001	0.002	< 0.001
	Xylene (mixed isomers)	< 0.001	< 0.001	< 0.001
	n-butyl alcohol	< 0.001	< 0.001	< 0.001
EQT 0167 ST-X1	n-butyl alcohol	< 0.001	0.31	< 0.001
EQT 0172 TK-A	Benzene	< 0.001	< 0.001	< 0.001
	Ethyl benzene	< 0.001	0.025	< 0.001
	Toluene	0.04	11.00	0.19
	Xylene (mixed isomers)	< 0.001	0.10	0.002

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0173 TK-B	Benzene	< 0.001	< 0.001	< 0.001
	Ethyl benzene	< 0.001	0.006	< 0.001
	Toluene	0.05	2.90	0.20
	Xylene (mixed isomers)	< 0.001	0.025	0.002
EQT 0174 TK-C	Benzene	< 0.001	< 0.001	< 0.001
	Ethyl benzene	< 0.001	0.007	< 0.001
	Toluene	0.044	3.00	0.19
	Xylene (mixed isomers)	< 0.001	0.026	0.002
EQT 0175 V-1	Benzene	< 0.001	< 0.001	< 0.001
	Ethyl benzene	< 0.001	0.009	< 0.001
	Toluene	0.006	4.00	0.028
	Xylene (mixed isomers)	< 0.001	0.036	< 0.001
EQT 0177 V-2	Benzene	< 0.001	< 0.001	< 0.001
	Ethyl benzene	< 0.001	0.003	< 0.001
	Toluene	0.004	1.36	0.017
	Xylene (mixed isomers)	< 0.001	0.012	< 0.001
FUG 0002 46-75	Acrylic acid	0.002	0.002	0.007
	Benzene	0.001	0.002	0.006
	Biphenyl	0.023	0.034	0.099
	Carbonyl sulfide	0.031	0.048	0.012
	Ethyl Acrylate	0.011	0.017	0.05
	Ethyl benzene	0.001	0.002	0.007
	Formaldehyde	0.058	0.087	0.255
	Hydrogen sulfide	0.038	0.059	0.015
	Maleic anhydride	0.193	0.29	0.469
	Methanol	0.024	0.057	0.088
	Methyl ethyl ketone	0.046	0.069	0.20
	Methyl methacrylate	0.011	0.017	0.05
	Naphthalene	0.141	1.345	0.621
	Phenol	0.005	0.007	0.021
	Styrene	0.011	0.017	0.045
	Toluene	0.43	0.601	1.87
	Total reduced sulfur	0.12	0.17	0.04
	Xylene (mixed isomers)	0.011	0.016	0.049

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal.

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0002 46-75	Zinc (and compounds)	0.016	0.031	0.068
	n-Hexane	< 0.001	0.001	0.003
	n-butyl alcohol	0.004	0.007	0.019
GRP 0015 Steam Boiler Cap	Benzene	< 0.001		< 0.001
	Ethyl benzene	0.001		0.002
	Naphthalene	0.008		0.04
	Styrene	0.022		0.095
	Sulfuric acid	0.88		3.86
	Toluene	0.087		0.38
	Xylene (mixed isomers)	0.01		0.04
	Zinc (and compounds)	1.03		4.50
	n-Hexane	< 0.001		< 0.001
UNF 0001 0320-00003	2,2,4-Trimethylpentane			0.005
	Acetaldehyde			0.019
	Acrylic acid			0.018
	Ammonia			0.093
	Benzene			0.048
	Biphenyl			0.099
	Carbon disulfide			< 0.001
	Carbonyl sulfide			0.051
	Ethyl Acrylate			0.081
	Ethyl benzene			0.038
	Formaldehyde			3.923
	Glycol ethers (Table 51.1)			< 0.001
	Hydrogen sulfide			1.044
	Iodomethane			0.330
	Maleic anhydride			0.485
	Methanol			4.667
	Methyl ethyl ketone			0.206
	Methyl methacrylate			0.122
	Naphthalene			1.472
	Phenol			0.029
	Pyrocatechol			< 0.001
	Styrene			0.367

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

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Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 0320-00003	Sulfuric acid			3.86
	Toluene			7.629
	Total reduced sulfur			4.69
	Xylene (mixed isomers)			0.26
	Zinc (and compounds)			4.768
	n-Hexane			0.193
	n-butyl alcohol			0.375

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

EQT0014 10-04 Finished Product Tank, Asphalt Emulsion Products, Post-Refinery

- 1 [LAC 33.III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0015 1-01 St. Johns Heater - Transfer Oil Heater No. 2

- 2 [LAC 33.III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input.
Which Months: All Year Statistical Basis: None specified
Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0016 1-03 Regenerative Thermal Oxidizer (RTO) System

- 5 [40 CFR 64.3(b)(3)] Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
Equipment/operational data monitored by technically sound method continuously. Monitor Combustion Chamber Temperature. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: Three-hour average
An excursion or exceedance is defined as a combustion chamber temperature of less than 1400 F. [40 CFR 64.6(c)(2)]
Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
 Activity Number: PER20070001
 Permit Number: 0320-00003-V2
 Air - Title V Regular Permit Renewal

EQT0016 1-03 Regenerative Thermal Oxidizer (RTO) System

- 12 [40 CFR 64.7(d)(1)] Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- 13 [40 CFR 64.7(e)] Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with minimum combustion chamber temperature standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 14 [40 CFR 64.8(a)] The number of temperature excursions above 5 percent of operation hours is the threshold limit of excursions or exceedances at which implementation of a QIP is required. [40 CFR 64.8(a)]
- 15 [40 CFR 64.9(a)] Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(ii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- 16 [40 CFR 64.9(b)(1)] Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- 17 [40 CFR 64.9(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 18 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 19 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemptions from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard VOC, Total >= 90 % DRE.
- Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2107.D-4.
- 20 [LAC 33:III.1313.C]
- 21 [LAC 33:III.1513]
- 22 [LAC 33:III.2107.B]
- 23 [LAC 33:III.2107.D]

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

EQT0016 1-03 Regenerative Thermal Oxidizer (RTO) System

- 24 [LAC 33:III.2107.E] Determine compliance with LAC 33:III.2107.B using the methods in LAC 33:III.2107.E.1 through 5, as appropriate.
- Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
- 25 [LAC 33:III.2115.K] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
- Control device is a Regenerative Thermal Oxidizer (RTO) with a VOC destruction efficiency of greater than 98%. Functions as the primary control device for vent streams from the Hard Resins Area, Resinates Area, Post Refinery Area, and Acrylic Area; and secondary control device for the vent streams from the Hydrocarbon Hard Resins Area. VOCs from the Resinate process area shall be controlled to 99% by the Air Pollution Control System (APCS) that includes the RTO/EOF system since 99% control efficiency is satisfied based on design and test data.

EQT0018 1-04 Crude Tall Oil Storage Tank, Refinery

- 26 [LAC 33:III.5109.A] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0020 10-84 ST-7, Aromatic 150 Storage Tank, Hard Resins

- 27 [LAC 33:III.1513] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
- MACT is determined to be a bottom fill/submerged fill system, a nitrogen blanket, and a conservation vent equipped on the tank.

EQT0023 10-95 RS-12, Crude Tall Oil/Tall Oil Fractions Storage, Refinery

- 28 [LAC 33:III.5109.A] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0026 11-84 ST-8, HC-920 Storage, Hard Resins

- 29 [LAC 33:III.1513] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
- MACT is determined to be a bottom fill system, a nitrogen blanket, and an activated carbon adsorption bed equipped on the tank.

EQT0028 11-95 RS-13, Crude Tall Oil/Tall Oil Fractions Storage, Refinery

- 30 [LAC 33:III.5109.A] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0030 12-75 Tanks T-20 through T-31, Tall Oil Fractions, Refinery

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

EQT0030 12-75 Tanks T-20 through T-31, Tall Oil Fractions, Refinery

32 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0032 12-87 ST-25, C3BIRosin/Gum Rosin Tank, Refinery

33 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a nitrogen blanket equipped on the tank.

EQT0036 13-75 Tanks T-40 through T-49, Tall Oil Fractions, Refinery

35 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0038 13-92 Refinery Oil/Water Separator Unit

36 [LAC 33:III.2109.D.2]

Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the information specified in LAC 33:III.2109.D.2.

Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT0042 14-87 Tank A-4, Fatty Acid Storage Tank

38 [LAC 33:III.5109.A]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. No Class I or II TAPs emitted; must comply with Ambient Air Standards (AAS); MACT controls not required. Tank is routed to the centralized Air Pollution Control System (APCS).

EQT0043 14-92 Cooling Tower

39 [LAC 33:III.1311.C]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS**All ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division**

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

EQT0043 14-92 Cooling Tower

40 [LAC 33:III.2115.K]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT0046 15-87 V-11, Saponification Tank, Post Refinery

41 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Tank is routed to the centralized Air Pollution Control System (APCS) when the tank is handling resin products.

EQT0047 15-93 Rosin Product Storage Tank RS-21, Refinery

43 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a nitrogen blanket equipped on the tank.

EQT0050 16-87 ST-22, Rosin/Rosin Products Tank, Resinates

45 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a nitrogen blanket equipped on the tank.

EQT0053 1-75 Steam Generation Boilers

47 [40 CFR 60.Dc/Db]

48 [40 CFR 63.1200]

49 [40 CFR 64.3(b)(3)]

50 [40 CFR 64.6(c)(1)]

Permittee shall comply with all applicable requirements of 40 CFR 60 Subpart Dc/Db, whichever is applicable.

Comply with all applicable provisions of 40 CFR 63 Subpart EEE by the compliance date.

Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

Equipment/operational data monitored by technically sound method continuously. Monitor DC voltage of each Electrostatic Precipitator (ESP) when fuel other than natural gas is used. Monitor DC amperage of each ESP field when fuel other than natural gas is used. [40 CFR 64.6(c)(1)]

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
 Activity Number: PER20070001
 Permit Number: 0320-J0003-V2
 Air - Title V Regular Permit Renewal

EQT0053 1-75 Steam Generation Boilers

- 51 [40 CFR 64.6(c)(2)] An excursion or exceedance is defined as a voltage or amperage from two of the fields deviating from the range for a daily average (3-hour average). [40 CFR 64.6(c)(2)]
- 52 [40 CFR 64.6(c)(2)] Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- 53 [40 CFR 64.7(a)] Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- 54 [40 CFR 64.7(b)] Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- 55 [40 CFR 64.7(c)] Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated capture system. [40 CFR 64.7(c)]
- 56 [40 CFR 64.7(d)(1)] Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- 57 [40 CFR 64.7(e)] Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the voltage and amperage standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 58 [40 CFR 64.8(a)] Excursions above 5 percent of the days boilers are fed with non-natural gas fuels is the threshold limit of excursions or exceedances at which implementation of a QIP is required. [40 CFR 64.8(a)]
- 59 [40 CFR 64.9(a)] Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- 60 [40 CFR 64.9(b)(1)] Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- 61 [40 CFR 64.9(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

SPECIFIC REQUIREMENTS

AID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
Activity Number: PER20070001
Permit Number: 0320-00003-V2
Air - Title V Regular Permit Renewal

EQT0053 1-75 Steam Generation Boilers

- 62 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 63 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
- Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- Which Months: All Year Statistical Basis: None specified
- Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0056 1-80 Refinery Heater No. 2 - Transfer Oil Heater

- 66 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
- Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- Which Months: All Year Statistical Basis: None specified
- Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0058 1-84 St. Johns Heater - Transfer Oil Heater No. 1

- 69 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
- Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- Which Months: All Year Statistical Basis: None specified
- Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0059 18-75 Tank L-6, Tail Oil Fractions, Refinery

SPECIFIC REQUIREMENTS**AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division**

Activity Number: PER20070001
 Permit Number: 0320-00003-V2
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EQT0059 18-75 Tank L-6, Tall Oil Fractions, Refinery

72 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0061 18-87 T-79, Hazardous Waste Fuel Blend Tank, Utilities

73 [LAC 33:III.5109.A]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a nitrogen blanket, bottom filling, and operational flare or carbon adsorption.

EQT0065 1-95 L-1, Printing Ink Tank, Resinates

74 [LAC 33:III.5109.A]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a bottom fill submerged fill system equipped on the tank.

EQT0066 1-97 Boiler House Flare

75 [LAC 33:III.1105]

Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.

Which Months: All Year Statistical Basis: None specified

Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:1.3923. Notification is required only if the upset cannot be controlled in six hours.

Submit report: Due in writing to the Office of Environmental Compliance, Emergency and Radiological Services Division, SPOC, within seven calendar days after startup or shutdown, if flaring was not the result of failure to maintain or repair equipment. Submit report if requesting exemption from the provisions of LAC 33:III.1105. Explain the conditions and duration of the startup or shutdown and list the steps necessary to remedy, prevent and limit the excess emissions. Minimize flaring and ensure that no ambient air quality standards are jeopardized. Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.1105. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

STATE ONLY - Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack during venting.

Which Months: All Year Statistical Basis: None specified

STATE ONLY - Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf.

Which Months: All Year Statistical Basis: None specified

STATE ONLY - Flare gas: Heat content recordkeeping by electronic or hard copy annually.

STATE ONLY - Presence of a flare monitored by heat sensing device continuously during venting. The vent system is equipped with a back-up carbon adsorption unit if the flare unit shuts down. Alternate devices may be used with the prior approval of the Office of Environmental Assessment, Environmental Technology Division.

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

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EQT0066 1-97 Boiler House Flare
83 [LAC 33:III.501.C.6] STATE ONLY - Presence of a flame recordkeeping by electronic or hard copy continuously.

EQT0067 19-75 Tank L-7, Tall Oil Fractions, Refinery

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Tank equipped with a bottom fill/submerged filled system determined as MACT.

EQT0068 19-87 T-78, Hazardous Waste Fuel Feed Tank, Utilities

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a nitrogen blanket, bottom filling, and tank being routed to a flare.

EQT0070 2-03 Enclosed Flare/Combustor System

Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
 Equipment/operational data monitored by technically sound method continuously. Monitor Presence of flame and Combustion Chamber Temperature. [40 CFR 64.6(c)(1)]
 Which Months: All Year Statistical Basis: Three-hour average
 An excursion or exceedance is defined as a combustion chamber temperature of less than 1400 F. [40 CFR 64.6(c)(2)]
 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

EQT0070 2-03 Enclosed Flare/Combustor System

- 94 [40 CFR 64.7(d)(1)] Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- 95 [40 CFR 64.7(e)] Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the presence of flame and minimum combustion chamber temperature standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 96 [40 CFR 64.8(a)] The number of temperature excursions above 5 percent of operation hours is the threshold limit of excursions or exceedances at which implementation of a QIP is required. [40 CFR 64.8(a)]
- 97 [40 CFR 64.9(a)] Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(ii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(ii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)] Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- 98 [40 CFR 64.9(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 99 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 100 [40 CFR 64.9(b)(1)] Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.
- 101 [LAC 33:III.1105] Which Months: All Year Statistical Basis: None specified
- 102 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 103 [LAC 33:III.501.C.6] STATE ONLY - Flare gas: Heat content > 300 BTU/scf when in "flare mode" (not going to the thermal oxidizer), to ensure destruction of emissions to the flare stack.
- 104 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified
- 105 [LAC 33:III.501.C.6] STATE ONLY - Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf.
- 106 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified
- STATE ONLY - Flare gas: Heat content recordkeeping by electronic or hard copy annually.
- STATE ONLY - Presence of a flame recordkeeping by electronic or hard copy as needed.

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EQT0070 2-03 Enclosed Flare/Combustor System

- 107 [LAC 33:III.501.C.6] STATE ONLY Presence of a flame monitored by heat sensing device at the approved frequency. Presence of flame to be monitored when in "flare mode"(not going to the thermal oxidizer).
 Which Months: All Year Statistical Basis: None specified
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 Control device is an enclosed flare/combustor with a VOC destruction efficiency of greater than 98%. Primary control device for the vent streams from the Hydrocarbon Hard Resins Area. Also functions as the secondary control device for vent streams from the Hard Resins Area, Resinates Area, Post Refinery Area, and Acrylic Area.

EQT0071 2-04 Crude Tall Oil Storage Tank

- 109 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0072 20-84 ST-18, Rosin Storage Tank, Hard Resins

- 110 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 MACT is determined to be a nitrogen blanket equipped on the tank.

EQT0074 21-84 ST-19, St. John's Maleic Anhydride Tank, Hard Resins

- 112 [LAC 33:III.501.C.6] Flow rate ≥ 5.0 gallons/min.
 Which Months: All Year Statistical Basis: None specified
 Flow rate monitored by flow rate monitoring device once every shift during operation.
 Which Months: All Year Statistical Basis: None specified
 Flow rate recordkeeping by electronic or hard copy once every shift during operation.
 114 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.

EQT0075 21-87 T-69, Rosin/Rosin Products, Fatty Acid Product, Post Ref.

- 116 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 MACT is determined to be a nitrogen blanket equipped on the tank.

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-000003-V2

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EQT0077 22-75 Tank T-103, Unleaded Gasoline, Utilities

- 118 [LAC 33:III.2103.A]
 Equip with a submerged fill pipe.
- 119 [LAC 33:III.2103.H.3]
 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
- 120 [LAC 33:III.2103.I.]
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT0083 2-75 Refinery Heater No. 1

- 121 [LAC 33:III.1101.B]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- 122 [LAC 33:III.1313.C]
 Which Months: All Year Statistical Basis: None specified
- 123 [LAC 33:III.1513]
 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0085 2-84 Hard Resin Flaker/Bagger Dust Collector

- 124 [LAC 33:III.1311.C]
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: Six-minute average
 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semianually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary.
- Which Months: All Year Statistical Basis: None specified
 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions.
- Which Months: All Year Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- Particulate matter (10 microns or less) >= 99 % removal efficiency from filter manufacturer's certification.
- 125 [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified

EQT0089 2-92 Tank H-5, Rosin Storage Tank

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

EQT0089 2-92 Tank H-5, Rosin Storage Tank

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0090 2-94 Resinate Raw Materials Dust Collector

- 130 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average
Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary.
Which Months: All Year Statistical Basis: None specified
Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions.
Which Months: All Year Statistical Basis: None specified
Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
Particulate matter fines >= 99 % removal efficiency from filter manufacturer's certification.
Which Months: All Year Statistical Basis: None specified
Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
The Resinate Raw Materials Dust Collector is a control device to control Formaldehyde (I) emissions from the charging/handling of raw materials in the resinate process.

EQT0091 2-95 L-2, Printing Ink Oil Tank, Resinates

- 131 [LAC 33:III.1311.C] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
MACT is determined to be a bottom fill/submerged fill system equipped on the tank.

EQT0092 2B-84 Hard Resins Flaker Wier Box Hood

- 132 [LAC 33:III.501.C.6] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT0094 3-04 Refinery Heater No. 1A

SPECIFIC REQUIREMENTS**AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division**

Activity Number: PER20070001
Permit Number: 0320-00003-V2
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EQT0094 3-04 Refinery Heater No. 1A

- 140 [40 CFR 60.42c(d)] Fuel sulfur content <= 0.5 % by weight. Comply with this limitation at all times, including periods of startup, shutdown, and malfunction. Fuel supplier certification as per 40 CFR 60.42c(h). Subpart Dc. [40 CFR 60.42c(d)]
- Which Months: All Year Statistical Basis: None specified
- Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27% opacity. Comply with this limitation at all times, excluding periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.43c(c)]
- Which Months: All Year Statistical Basis: Six-minute average
- Conduct the performance tests required under 40 CFR 60.8 to demonstrate compliance with the SO₂ standards following the procedures specified in 40 CFR 60.44c, except as provided in 40 CFR 60.8(b). Subpart Dc. [40 CFR 60.44c(a)]
- Conduct an initial performance test as required under 40 CFR 60.8 and subsequent performance tests as required by DEQ to demonstrate compliance with the particulate matter standards following the procedures and reference methods specified in 40 CFR 60.45c(a)(1) through (a)(8), except as specified in 40 CFR 60.45c(c) and (d). Subpart Dc. [40 CFR 60.45c(a)]
- Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
- Submit the performance test data from the initial and any subsequent performance tests, and, if applicable, the performance evaluation of the CEMs and/or COMS using the applicable performance specifications in 40 CFR 60 Appendix B. Subpart Dc. [40 CFR 60.48c(b)]
- Submit excess emissions report: Due semiannually, by the 30th day following the end of the reporting period. Report any excess opacity emissions which occur during the reporting period. Subpart Dc. [40 CFR 60.48c(c)]
- Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.48c(e)(1) through (e)(11). Subpart Dc. [40 CFR 60.48c(e)]
- Include in the fuel supplier certification required in 40 CFR 60.48c(e)(11) the information specified in 40 CFR 60.48c(f)(1) through (f)(3). Subpart Dc. [40 CFR 60.48c(f)]
- Fuel rate recordkeeping by electronic or hard copy daily. Keep records of the amount of each fuel combusted during each day. If only very low sulfur fuel oil or other liquid or gaseous fuels with potential sulfur dioxide emissions rate of 0.32 lb/MMBTU (140 ng/J) heat input or less is burnt, keep records of the fuel combusted during each calendar month. Subpart Dc. [40 CFR 60.48c(g)]
- Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]
- Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or laning, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
- Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- Which Months: All Year Statistical Basis: None specified
- Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0099 35-04 Storage Tanks, Tall Oil Materials, Post-Refinery Area

SPECIFIC REQUIREMENTS**AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division****Activity Number: PER20070001****Permit Number: 0320-00003-V2****Air - Title V Regular Permit Renewal****EQT0099 35-04 Storage Tanks, Tall Oil Materials, Post-Refinery Area**

154 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0100 36-04 Storage Tanks, Tall Oil Materials, Post-Refinery Area

155 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0101 3-80 T-65, Rosin/Rosin Products Storage Tank, Post Refinery

156 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. No Class I or II TAP emitted above the MER. Class III TAPs emitted. Must meet Ambient Air Standards.

EQT0102 38-75 Tank STO 1, Tall Oil Fractions, Tall Oil Wastewater

158 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0103 3-88 Post Refinery Flaker Dust Collector

159 [LAC 33:III.1311.B]

Total suspended particulate <= 12.68 lb/hr. The rate of emission shall be the total of all emission points from the source. Which Months: All Year Statistical Basis: None specified Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of

maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

SPECIFIC REQUIREMENTS**All ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division****Activity Number: PER20070001****Permit Number: 0320-0003-V2****Air - Title V Regular Permit Renewal****EQT0103 3-88 Post Refinery Flaker Dust Collector**

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions.

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Particulate matter (10 microns or less) $\geq 99\%$ removal efficiency from filter manufacturer's certification.

Which Months: All Year Statistical Basis: None specified

EQT0104 3-90 T-68, Post Refinery Maleic Anhydride Tank, Post Refinery

163 [LAC 33.III.501.C.6]

Flow rate ≥ 5.0 gallons/min.

Which Months: All Year Statistical Basis: None specified

Flow rate monitored by flow rate monitoring device once every shift during operation.

Which Months: All Year Statistical Basis: None specified

Flow rate recordkeeping by electronic or hard copy once every shift during operation.

Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.

EQT0106 3-93 T-63, Rosin/Rosin Products, Ink Oil/Ink Oil Products, Amines, Fatty Acid Products

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a bottom fill/submerged fill system and a nitrogen blanket equipped on the tank.

EQT0107 3-94 HC H.R./Resinate Quench Tank

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0108 3-95 L-3, Printing Ink Oil Tank, Resinates

170 [LAC 33.III.1513]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a bottom fill/submerged fill system equipped on the tank.

EQT0109 39-75 Tank STO 2, Tall Oil Fractions, Tall Oil Wastewater, Refinery

SPECIFIC REQUIREMENTS

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EQT0109 39-75 Tank STO 2, Tall Oil Fractions, Tall Oil Wastewater, Refinery

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III, Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0110 3A-8B Post Refinery Bagger Dust Collector

- 174 [LAC 33:III.1311.B]
 Total suspended particulate <= 12.68 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 175 [LAC 33:III.1311.C]
 Which Months: All Year Statistical Basis: Six-minute average
 Baghouses (including gaskeis): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary.
- 176 [LAC 33:III.1311.C]
 Which Months: All Year Statistical Basis: None specified
 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 177 [LAC 33:III.501.C.6]
 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions.
- 178 [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 179 [LAC 33:III.501.C.6]
 Particulate matter (10 microns or less) > 99 % removal efficiency from filter manufacturer's certification.
 Which Months: All Year Statistical Basis: None specified
- 180 [LAC 33:III.501.C.6]
- 181 [LAC 33:III.501.C.6]
- 182 [LAC 33:III.1311.C]
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
- 183 [40 CFR 60.40c]
- 184 [LAC 33:III.1101.B]
 Comply with all applicable provisions of 40 CFR 60 Subpart Dc.
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified

EQT0111 3B-88 Rotoclone on North and South Flaker Belt Weir Box

- 185 [LAC 33:III.1311.C]
 Opacity <= 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

EQT0112 4-04 Resins Heater No. 3

- 186 [LAC 33:III.1311.C]
 Comply with all applicable provisions of 40 CFR 60 Subpart Dc.
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division
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EQT0112 4-04 Resins Heater No. 3

185 [LAC 33.III.1313.C]

Total suspended particulate <= 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0114 44-75 Tank T-70, Reaction Oil/Tall Oil Fractions, Utilities

187 [LAC 33.III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0115 4-75 Tank T-1, Crude Tall Oil, Refinery

188 [LAC 33.III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0116 47-75 Tank T-75, Reaction Oil/Tall Oil Fractions, Utilities

189 [LAC 33.III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0117 4-80 T-64, Rosin/Rosin Products Storage Tank, Post Refinery

190 [LAC 33.III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a bottom fill/submerged fill system and a nitrogen blanket equipped on the tank.

EQT0118 4-84 ST-1, Resinate Tank, Resinates

192 [LAC 33.III.2103.A]

Equip with a submerged fill pipe.

193 [LAC 33.III.2103.H.3]

Determine VOC maximum true vapor pressure using the methods in LAC 33.III.2103.H.3.a-e.

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33.III.2103.I. 1 - 7, as applicable.

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

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EQT0119 48-75 Tank T-76, Reaction Oil/Tall Oil Fractions Utilities

195 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0120 4-8B RS-20, Rosin Storage Tank, Refinery

196 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a nitrogen blanket equipped on the tank.

EQT0122 4-93 T-74, Tall Oil Fractions or Reaction Oil, Boiler House

198 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0124 4-95 L-4, Printing Ink Oil Tank, Resinates

199 [LAC 33:III.5109.A]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a bottom fill/submerged fill system equipped on the tank.

EQT0125 5-04 Resin Packaging (Flaker/Bagger) Dust Collector No. 2

200 [LAC 33:III.1311.B]

Total suspended particulate <= 13.6 lb/hr. The rate of emission shall be the total of all emission points from the source. Which Months: All Year Statistical Basis: None specified Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semianually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. Which Months: All Year Statistical Basis: None specified

Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS**All ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division**

Activity Number: PER20070001
 Permit Number: 0320-00003-V2
 Air - Title V Regular Permit Renewal

EQT0125 5-04 Resin Packaging (Flaker/Bagger) Dust Collector No. 2

- Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Particulate matter (10 microns or less) $\geq 99\%$ removal efficiency from filter manufacturer's certification.
 Which Months: All Year Statistical Basis: None specified

EQT0126 5-75 Tank T-5, Crude Tall Oil, Refinery

- Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 3.III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0127 5-84 ST-2, Resinate Tank, Resinates

- Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. Tank vents to centralized APCS.
 VOC, Total $\geq 95\%$ control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.

Which Months: All Year Statistical Basis: None specified

- Determine VOC maximum true vapor pressure using the methods in LAC 33.III.2103.H.3.a.e.
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33.III.2103.I.1 - 7, as applicable.

EQT0128 5-90 Post Refinery Heater - Transfer Oil Heater

- Fuel sulfur content $\leq 0.5\%$ by weight. Comply with this limitation at all times, including periods of startup, shutdown, and malfunction. Fuel supplier certification as per 40 CFR 60.42c(h). MeadWestvaco has the capability to burn No. 2 Fuel Oil as a backup fuel. NSPS Subpart Dc requirements apply only during firing of fuel oil. Subpart Dc. [40 CFR 60.42c(d)]
 Which Months: All Year Statistical Basis: None specified
 Opacity ≤ 20 percent, except for one 6-minute period per hour of not more than 27% opacity. Comply with this limitation at all times, excluding periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.43c(c)]
 Which Months: All Year Statistical Basis: Six-minute average
 Conduct the performance tests required under 40 CFR 60.8 to demonstrate compliance with the SO2 standards following the procedures specified in 40 CFR 60.44c, except as provided in 40 CFR 60.8(b). Subpart Dc. [40 CFR 60.44c(a)]
 Conduct an initial performance test as required under 40 CFR 60.8 and subsequent performance tests as required by DEQ to demonstrate compliance with the particulate matter standards following the procedures and reference methods specified in 40 CFR 60.45c(a)(1) through (a)(8), except as specified in 40 CFR 60.45c(c) and (d). Subpart Dc. [40 CFR 60.45c(a)]

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

EQT0128 5-90 Post Refinery Heater - Transfer Oil Heater

- 216 [40 CFR 60.48c(e)]
 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup.
 Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
 Submit the performance test data from the initial and any subsequent performance tests, and, if applicable, the performance evaluation of the CEMS and/or COMS using the applicable performance specifications in 40 CFR 60 Appendix B. Subpart Dc. [40 CFR 60.48c(b)]
 Submit excess emissions report: Due semiannually, by the 30th day following the end of the reporting period. Report any excess opacity emissions which occur during the reporting period. Subpart Dc. [40 CFR 60.48c(c)]
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.48c(e)(1) through (e)(11). Subpart Dc. [40 CFR 60.48c(e)]
 Include in the fuel supplier certification required in 40 CFR 60.48c(e)(11) the information specified in 40 CFR 60.48c(f)(1) through (f)(3).
 Subpart Dc. [40 CFR 60.48c(f)]
- 221 [40 CFR 60.48c(g)]
 Fuel rate recordkeeping by electronic or hard copy daily. Keep records of the amount of each fuel combusted during each day. If only very low sulfur fuel oil or other liquid or gaseous fuels with potential sulfur dioxide emissions rate of 0.32 lb/MMBTu (140 ng/l) heat input or less is burnt, keep records of the fuel combusted during each calendar month. Subpart Dc. [40 CFR 60.48c(g)]
- 222 [40 CFR 60.48c(j)]
 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(j)]
- 223 [LAC 33:III.1101.B]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal, or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input.

- Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:II.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0130 5-94 T-58, Rosin Products and Intermediates, Ink Oils/Resin Solutions, Post Refinery

- 224 [LAC 33:III.1313.C]
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 MACT is determined to be a bottom fill/submerged fill system equipped on the tank.

EQT0131 5-95 Refinery Hotwell, Refinery

- 226 [LAC 33:III.5109.A]
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0132 6-04 Rotoclone on Resins Flaker Belt Weir Box No. 2

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

EQT0132 6-04 Rotoclone on Resins Flaker Belt Weir Box No. 2

228 [LAC 33:III.1311.C]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

EQT0133 6-75 Tank T-6, Crude Tall Oil, Refinery

229 [LAC 33:III.1513.C]

Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0134 6-84 ST-3, Resinate Tank, Resinates

230 [LAC 33:III.2103.A]

Equip with a submerged fill pipe.

Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3-a-e.

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT0136 6-94 T-59, Rosin/Rosin Products and Intermediates, Ink Oils/Resin Solutions, Post Refinery

233 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a bottom fill/submerged fill system equipped on the tank.

EQT0137 7-04 Regenerative Thermal Oxidizer (RTO) No. 2

235 [40 CFR 64.3(b)(3)]

Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

236 [40 CFR 64.6(c)(1)]

Equipment/operational data monitored by technically sound method continuously. Monitor Combustion Chamber Temperature. [40 CFR 64.6(c)(1)]

Which Months: All Year Statistical Basis: Three-hour average

An excursion or exceedance is defined as a combustion chamber temperature of less than 1400 F. [40 CFR 64.6(c)(2)] Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

EQT0137 7-04 Regenerative Thermal Oxidizer (RTO) No. 2

- Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
- Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with minimum combustion chamber temperature standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- The number of temperature excursions above 5 percent of operation hours is the threshold limit of excursions or exceedances at which implementation of a QIP is required. [40 CFR 64.8(a)]
- Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input.
Which Months: All Year Statistical Basis: None specified
- 241 [40 CFR 64.7(c)]
- 242 [40 CFR 64.7(d)(1)]
- 243 [40 CFR 64.7(e)]
- 244 [40 CFR 64.8(a)]
- 245 [40 CFR 64.9(b)(1)]
- 246 [40 CFR 64.9(b)(1)]
- 247 [40 CFR 64.9(b)(1)]
- 248 [40 CFR 64.9(b)(1)]
- 249 [LAC 33.III.1101.B]
- 250 [LAC 33.III.1313.C]

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001
 Permit Number: 0320-00003-V2
 Air - Title V Regular Permit Renewal

EQT0137 7-04 Regenerative Thermal Oxidizer (RTO) No. 2

- 251 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0138 7-75 Tank T-2, Crude Tall Oil/Tall Oil Fractions Storage, Refinery

- 252 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 253 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0140 7-87 RS-2, Crude Tall Oil/Tall Oil Fractions Storage, Refinery

- 254 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be a bottom fill/submerged fill system and a nitrogen blanket equipped on the tank.

EQT0142 7-94 T-62, Rosin/Rosin Products Storage Tank, Post Refinery

- 255 [LAC 33:III.5109.A] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 256 [LAC 33:III.1513.C] Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 257 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0143 7-95 Refinery Hot Well Tank, Refinery

- 258 [40 CFR 64.3(b)(3)] Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
- 259 [40 CFR 64.6(c)(1)] Equipment/operational data monitored by technically sound method continuously. Monitor presence of pilot flame. [40 CFR 64.6(c)(1)]
- 260 [40 CFR 64.6(c)(2)] Which Months: All Year Statistical Basis: None specified An excursion or exceedance is defined as no flame present. [40 CFR 64.6(c)(2)]

SPECIFIC REQUIREMENTS**AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division****Activity Number: PER20070001****Permit Number: 0320-00003-V2****Air - Title V Regular Permit Renewal****EQT0144 8-04 Flare Unit No. 2**

- 261 [40 CFR 64.6(c)(2)]
Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
- Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the presence of flame standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- Excursions above 5 percent of operating time is the threshold limit of excursions or exceedances at which implementation of a QIP is required. [40 CFR 64.8(a)]
- Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

SPECIFIC REQUIREMENTS**A1 ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division****Activity Number: PER20070001****Permit Number: 0320-00003-V2****Air - Title V Regular Permit Renewal****EQT0144 8-04 Flare Unit No. 2**

- 272 [LAC 33:III.1105] Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.
Which Months: All Year Statistical Basis: None specified
Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:1.3923. Notification is required only if the upset cannot be controlled in six hours.
- 273 [LAC 33:III.1105] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 274 [LAC 33:III.1513] Nonhalogenated hydrocarbon burning: Temperature ≥ 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent.
Which Months: All Year Statistical Basis: None specified
Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate.
- 275 [LAC 33:III.2115.B] Demonstrate compliance with LAC 33:III.2115 as requested by DEQ.
- 276 [LAC 33:III.2115.I] Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2 through e.
- 277 [LAC 33:III.2115.J.1] Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115.
- 278 [LAC 33:III.2115.J.2] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
Which Months: All Year Statistical Basis: None specified
STATE ONLY - Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack.
- 279 [LAC 33:III.2115.I] STATE ONLY - Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf.
Which Months: All Year Statistical Basis: None specified
STATE ONLY - Flare gas: Heat content recordkeeping by electronic or hard copy annually.
STATE ONLY - Presence of a flame monitored by heat sensing device continuously.
Which Months: All Year Statistical Basis: None specified
STATE ONLY - Presence of a flame recordkeeping by electronic or hard copy continuously.
- 280 [LAC 33:III.501.C.6]
- 281 [LAC 33:III.501.C.6]
- 282 [LAC 33:III.501.C.6]
- 283 [LAC 33:III.501.C.6]
- 284 [LAC 33:III.501.C.6]
- 285 [LAC 33:III.501.C.6]

EQT0145 8-75 Tank T-3, Crude Tall Oil, Refinery

SPECIFIC REQUIREMENTS**All ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division**

Activity Number: PER20070001
 Permit Number: 0320-00003-V2
 Air - Title V Regular Permit Renewal

EQT0145 8-75 Tank T-3, Crude Tall Oil, Refinery

286 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0147 8-87 RS-3, Crude Tall Oil/Tall Oil Fractions Storage, Refinery

287 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0149 8-95 RS-10, Crude Tall Oil/Tall Oil Fractions Storage, Refinery

288 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0150 9-04 Finished Product Tank Asphalt Emulsion Products

289 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0151 9-75 Tank T-4, Crude Tall Oil, Refinery

290 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0154 9-95 RS-11, Crude Tall Oil/Tall Oil Fractions Storage, Refinery

291 [LAC 33:III.1513]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0155 CFA ZINC CFA Zinc Tank

292 [LAC 33:III.1513 C]

Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

SPECIFIC REQUIREMENTS

AI ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division

Activity Number: PER20070001

Permit Number: 0320-00003-V2

Air - Title V Regular Permit Renewal

EQT0156 DTA Drop Tank A

- 293 [LAC 33:III.2103.A]
 Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. Vapors are routed to a closed vent system and then to the centralized control system (RTO and Enclosed Flare). VOC, Total $\geq 95\%$ control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
 Which Months: All Year Statistical Basis: None specified
 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 294 [LAC 33:III.2103.E.1]
 Which Months: All Year Statistical Basis: None specified
 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT0157 DTB Drop Tank B

- 297 [LAC 33:III.2103.A]
 Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. Vapors are routed to a closed vent system and then to the centralized control system (RTO and Enclosed Flare). VOC, Total $\geq 95\%$ control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
 Which Months: All Year Statistical Basis: None specified
 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 298 [LAC 33:III.2103.E.1]
 Which Months: All Year Statistical Basis: None specified
 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT0158 F-1 Tank F-1

- 299 [LAC 33:III.2103.H.3]
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 300 [LAC 33:III.2103.I]
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0159 F-2 Tank F-2

- 301 [LAC 33:III.1513.C]
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 302 [LAC 33:III.1513.C]
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0160 F-3 Tank F-3

- 303 [LAC 33:III.1513.C]
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0161 F-4 Tank F-4

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EQT0161 F-4 Tank F-4

304 [LAC 33.III.1513.C]

Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0162 F-6 Tank F-6

305 [LAC 33.III.1513.C]

Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0163 H-6 Tank H-6, Reaction Oil Storage Tank

306 [LAC 33.III.1513.]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0164 H-7 Tank H-7, Rosin Storage Tank

307 [LAC 33.III.1513.]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

308 [LAC 33.III.2103.A]

309 [LAC 33.III.2103.H.3]

310 [LAC 33.III.2103.I]

311 [LAC 33.III.5109.A]

Equip with a submerged fill pipe.
Determine VOC maximum true vapor pressure using the methods in LAC 33.III.2103.H.3.a-e.
Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33.III.2103.I.1 - 7, as applicable.
Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
No controls determined as MACT.

EQT0165 Resin Drain Tank Resinate Storage Tank

312 [LAC 33.III.2103.A]

313 [LAC 33.III.2103.E.1]

Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.
Which Months: All Year Statistical Basis: None specified
Determine VOC maximum true vapor pressure using the methods in LAC 33.III.2103.H.3.a-e.
Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33.III.2103.I.1 - 7, as applicable.

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Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0178 PBLR Package Boiler

317 [40 CFR 60.Dc/Db]
318 [LAC 33:III.1101.B]

Permittee shall comply with all applicable requirements of 40 CFR 60 Subpart Dc/Db, whichever is applicable.

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

FUG0002 46-75 Fugitives Emissions - Plant Wide

321 [LAC 33:III.2111]
322 [LAC 33:III.5109.A]

Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

A report will be prepared semiannually that includes:

- (1) Identification of leaking components by type of component.
- (2) The date on which they were observed potentially leaking, the date on which they were detected leaking (if applicable) and the date on which they were repaired.
- (3) Number of components not repaired within 15 days.
- (4) Number of unsafe to monitor components and explanation.
- (5) Identification of equipment not repairable.

All records of equipment leaks, repairs, and delay of repair including dates when the leak was observed or detected, the date the leak was repaired, and the date the leak was determined to be not repairable must be maintained onsite for at least five years. Semiannual reports shall be due March 31 and September 30 of each calendar year to the Office of Environmental Compliance, Enforcement Division.

323 [LAC 33:III.5109.A]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Biphenyl (II) emissions controlled under a LDAR program set up by LDEQ as MACT in November 1, 1998. Formaldehyde (I) emissions are controlled by good engineering practices.

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FUG0002 46-75 Fugitives Emissions - Plant Wide

324 [LAC 33.III.5109.A]

Fugitive emissions of Biphenyl shall be controlled by a Leak Detection and Repair (LDAR) program developed from 40 CFR 63 Subpart H National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks, Sections 63.169 and 170 and approved by the Department of Environmental Quality on November 1, 1998. The LDAR program applies to compressors, agitators, open-ended lines, surge control vessels, bottoms receivers, instrumentation systems, pressure relief devices, pumps, valves, and controllers, that are intended to operate in biphenyl-containing heat transfer fluid service 300 hours or more in a calendar year. If evidence of a potential leak to the atmosphere is found by sight, smell, or sound, then the potential leak shall be promptly repaired or it shall be monitored in accordance with 40 CFR 180(b). If the permittee chooses to monitor the component and the instrument reading exceeds an applicable leak threshold in 40 CFR 169(b), then a leak is detected. If permittee does not choose to monitor the component, then the component is considered to be leaking and it shall be repaired immediately. The first attempt at repair shall be made not later than 5 calendar days after the leak is detected and repair the component as soon as practical but not later than 15 calendar days. If the repair is technically infeasible without a process unit shutdown, a delay of repair of equipment for which leaks have been detected is allowed. Repair of this equipment shall occur by the end of the next process shutdown. When permittee chooses not to monitor a potentially leaking component, repair shall mean that the visual, audible, olfactory, or other indications of a leak have been eliminated; that no bubbles are observed at potential leak sites during a leak check using soap solution; or that the system will hold a test pressure. Relieving of a line due to overpressure by a relief valve shall not be considered a leak under the LDAR program.

GRP0015 Steam Boiler Cap - Steam Generation Boiler CAP

Group Members: EQT0053 EQT0178

See Part 70 Specific Condition No. 1 in Appendix A for cap requirements.

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326 [40 CFR 60.]

327 [40 CFR 61.145(b)(1)]

328 [40 CFR 61.148]

329 [40 CFR 61.356]

330 [40 CFR 61.357(a)]

All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies.

Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. Subpart M. [40 CFR 61.145(b)(1)]

Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M.

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records as specified in 40 CFR 61.356(a) through (1), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.

Submit report. Due by initial startup. Submit a report that summarizes the regulatory status of each waste stream subject to 40 CFR 61.342 and is determined by the procedures specified in 40 CFR 61.355(c) to contain benzene. Include the information specified in 40 CFR 61.357(a)(1) through (a)(4). If there is no benzene onsite in wastes, products, by-products, or intermediates, submit an initial report that is a statement to this effect. Subpart FF. [40 CFR 61.357(a)]

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331 [40 CFR 61.357(b)]

Submit report: Due whenever there is a change in the process generating the waste stream that could cause the total annual benzene quantity from facility waste to increase to 1 Mg/yr (1.1 ton/yr) or more. Submit updates to the information listed in 40 CFR 61.357(a)(1) through (a)(3). Subpart FF. [40 CFR 61.357(b)]
 All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.

332 [40 CFR 61.]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Document that the nearest public receptor is beyond the distance to a toxic or flammable endpoint defined in 68.22. [40 CFR 68.12(b)(1)]

333 [40 CFR 68.12(b)(1)]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the records specified in 68.39(a) through (e) on the offsite consequence analyses.

334 [40 CFR 68.39]

Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]

335 [40 CFR 70.5(a)(1)(iii)]

Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]

336 [40 CFR 70.6(a)(3)(iii)(A)]

Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.

337 [40 CFR 70.6(a)(3)(iii)(B)]

Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

338 [40 CFR 70.6(c)(5)(iv)]

Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
 If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
 Permittee shall comply with additional Part 70 and State Only Specific Conditions listed in Appendix A.

339 [LAC 33:III.1103]

340 [LAC 33:III.2113.A]

341 [LAC 33:III.2119]

342 [LAC 33:III.2901.D]

343 [LAC 33:III.2901.F]

344 [LAC 33:III.S01.C.6]

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345 [LAC 33:III.5105.A.1]

Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.

Do not cause a violation of any ambient air standard listed in LAC 33:III.1 Table 51.2, unless operating in accordance with LAC 33:III.5109.

Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.

Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.

Submit Annual Emissions Report (TEDI): Due annually, by the 1st of July, to the Office of Environmental Assessment, Air Quality Assessment Division, in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.

Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations"

Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).

Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:III.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.3923.

Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services, SPOC, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:III.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:III.3923.

Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.i through viii.

Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.

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- 356 [LAC 33:III.5109.B.3] Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology.
- 357 [LAC 33:III.5109.B] Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112. Table 51.2.
- 358 [LAC 33:III.5109.C] Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III. Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department.
- 359 [LAC 33:III.5111.A.1] Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:III.1701, before commencement of the construction of any new source.
- 360 [LAC 33:III.5111.A.2.a] Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source.
- 361 [LAC 33:III.5111.A] Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified.
- 362 [LAC 33:III.5113.B.1] Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel.
- 363 [LAC 33:III.5113.B.3] Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department.
- 364 [LAC 33:III.5113.B.4] Provide emission testing facilities as specified in LAC 33:III.5113.B.4 through e.
- 365 [LAC 33:III.5113.B.5] Analyze samples and determine emissions within 30 days after each emission test has been completed.
- 366 [LAC 33:III.5113.B.5] Submit certified letter: Due to the Office of Environmental Assessment, Air Quality Assessment Division, before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test.
- 367 [LAC 33:III.5113.B.6] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ.
- 368 [LAC 33:III.5113.B.7] Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, at least 30 days before the emission test.
- 369 [LAC 33:III.5113.C.1] Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test.
- 370 [LAC 33:III.5113.C.2] Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence.
- 371 [LAC 33:III.5113.C.2] Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ.
- 372 [LAC 33:III.5113.C.2] Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin.
- Submit performance evaluation report: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 60 days of the monitoring system performance evaluation.

SPECIFIC REQUIREMENTS**AIR ID: 1514 - MeadWestvaco South Carolina LLC - Specialty Chemicals Division****Activity Number: PER20070001****Permit Number: 0320-00003-V2****Air - Title V Regular Permit Renewal****UNF0001 DeRidder Facility**

373 [LAC 33:III.5113.C.3]

Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems.

Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B.

Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days.

Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS.

Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS.

Submit plan: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system.

Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ.

An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.

Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert.

Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.

Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.

Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7.

Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.

Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.

Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later.

Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division.

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388 [LAC 33:III.5911.C]

389 [LAC 33:III.919.D]

Submit amended registration. Due to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division, within 60 days after the information in the submitted registration is no longer accurate.

Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
APPENDIX A
PART 70 SPECIFIC CONDITIONS

DeRidder Facility
Agency Interest No.: 1514
MeadWestvaco South Carolina, LLC
DeRidder, Beauregard Parish, Louisiana

1. Permittee shall operate the Steam Generation Boilers Nos. 2, 3, and 4, having a common stack; Emission Point No. 1-75, and Package Boiler, Emission Point No. PBLR, so that 12-month rolling total emissions do not exceed 42.16 tons per year (TPY) of PM₁₀, 98.41 TPY of SO₂, and 96.24 TPY of NO_x. Emissions shall be calculated on a 12-month running total basis using the fuel consumption, the corresponding heating value listed in Appendix C or most recent analysis, and the corresponding emission factor for each individual fuel listed in Appendix D. Permittee shall get a permit modification before using updated emission factors for production. The use of any new emission factors or stack testing data must have prior approval by the Office of Environmental Assessment, Environmental Technology Division. The control efficiency on the electrostatic precipitator shall be 75% or greater for PM₁₀ emissions. Monthly summation of emissions from individual fuels and 12-month rolling total emissions shall be calculated using the following equations:

- **Equation for Monthly Summation of Emissions from Individual Fuels
(repeat calculation for PM₁₀, SO₂, and NO_x emissions)**

$$\text{Monthly Summation of Emissions} = \sum_{i=1}^{i=n} \left[\begin{array}{c} \text{Fuel Consumption} \\ \text{(lbs or Mcf)} \end{array} \right]_i * \left[\begin{array}{c} \text{Heating Value} \\ \text{(MMBtu/lb or Mcf)} \end{array} \right]_i * \left[\begin{array}{c} \text{Emission Factor} \\ \text{(lbs/MMBtu or Mcf)} \end{array} \right]_i * \left[\begin{array}{c} 1 - \text{Control Efficiency} \\ \text{PM}_{10} \end{array} \right]$$

i - calculation within square brackets is completed for each individual fuel by inserting appropriate values within parentheses for each fuel; results for each individual fuel are then added together to determine monthly summation

PM₁₀ - the control efficiency calculation is only used when calculating PM₁₀ emissions

- **Equation for 12-Month Rolling Total Emissions
(repeat calculation for PM₁₀, SO₂, and NO_x emissions)**

$$\text{12 - Month Rolling Total} = \left[\begin{array}{c} \text{Monthly Summation} \\ \text{(tons)} \end{array} \right] + \left[\begin{array}{c} \text{Monthly Summations} \\ \text{of Previous 11 Months} \\ \text{(tons)} \end{array} \right]$$

Individual fuel consumption (in MM Btu or tons or M scf per year), the corresponding heating value for each fuel (in BTU/ton or BTU/scf), the corresponding emission factor for each fuel (in lbs/MMBTU or Mcf) and the calculated PM₁₀, SO₂, and NO_x emissions from individual fuels from Emission Point 1-75 shall be recorded each month. In addition, a 12-month rolling total of PM₁₀, SO₂, and NO_x emissions shall be calculated on a monthly basis. These records shall be maintained on-site and available for inspection by the Office of Environmental Compliance, Surveillance Division. These records shall be maintained for a period of at least five years.

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Calculated total yearly emissions above the aforementioned limits in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. Permittee shall submit a report including the total annual individual fuel consumption, the heating values for fuels used in the boilers, and the calculated emissions from the boilers and Emission Point 1-75 for each month and the twelve-month running sum for each month to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. These reports shall clearly identify all instances of deviations from permit requirements, certified by a responsible company official, as required by 40 CFR 70 General Conditions.

2. The operating time in which the Cooling Tower, Emission Point 14-92, is in direct contact operating mode, shall be limited to no more than 876 hours per year. The cooling tower shall operate in non-contact water mode for the remaining time of the year. The operating time in which the cooling tower is in direct contact operating mode shall be recorded each month, as well as the operating time for the last twelve months. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Records shall be maintained on-site for at least five years. Operating time above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the time in direct contact water mode for the preceding calendar year shall be submitted to the Office of Environmental Compliance, Enforcement Division, by March 31.

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1. Hazardous waste fuel blend shall be burned only in No. 2 or No. 3 boiler. Hazardous waste fuel blend shall be burned in only one of these two boilers at a time.
2. A continuous O₂ analyzer shall be maintained and calibrated to maintain a continuous measurement of O₂ concentration in the gas leaving the combustion zone on No. 2, No. 3, and No. 4 boiler when the boilers are burning liquid fuels. Perform system checks and calibrations on the O₂ analyzers in accordance with manufacturer's specifications or good industry practice. Records of diagnostic and calibration checks shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
3. The following operating parameters shall be continuously monitored and recorded as indicated when the boilers are in operation. Data shall be retained either in electronic form, hard copy, or operating log.
 - a. Fuel feed rate to each boiler (to include blend composition for Hazardous Waste Fuel) / Recorded at least once per day.
 - b. Boiler flue gas exit temperature / Recorded at least once per shift.
 - c. Electrostatic precipitator DC voltage and DC amperage for each field / Recorded at least once per shift.
4. Boiler operating conditions when burning liquid fuels shall be as follows:

a. Flue Gas (upstream of ESP inlet header)		
Nos. 2, 3, or 4 Boiler O ₂	2%	Minimum
b. Total steam duty per boiler	65 MM BTU/hr	Maximum
5. Permittee shall demonstrate compliance with LAC 33:III.1313 – Emissions from Fuel Burning Equipment for the Steam Generating Boilers, Emission Point 1-75, by analyzing the fuels (except natural gas) at least annually for ash content and ensuring proper operation of the electrostatic precipitator. The electrostatic precipitator (ESP) shall be operated with at least two of the three fields operating.

Proper operations of each ESP field shall be as follows:

	Field No. 1	Field No. 2	Field No. 3
DC voltage (minimum)	20 KV	20 KV	20 KV
DC amperage (minimum)	30 mA	30 mA	30 mA
(averaging period for the above parameters shall be a 3-hour average)			

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The ESP DC voltage and DC amperage shall be monitored continuously. If an ESP field's DC voltage or DC amperage decreases below its operating limits, it shall be considered down and the permittee shall take corrective actions to re-establish the DC voltage or DC amperage. If two of the three ESP fields are down and corrective action cannot re-establish the DC voltage and DC amperage within three hours, the steam generating boilers shall discontinue using any fuels except natural gas. The control system shall alarm personnel when the ESP parameters deviate from the normal operating limits or when an ESP field shuts down. When the only fuel being fed to the boiler is natural gas, the boiler flue gas need not be treated by the electrostatic precipitator. Records of electrostatic precipitator operations shall be maintained on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

6. Permittee shall control the SO₂ emissions by the sulfur content of the boiler fuels and limiting the feed rate to limit SO₂ to permitted values. Fuels (except natural gas) shall be tested annually for sulfur content. Records of sulfur content of fuel, monthly fuel feed rate and estimated emissions shall be maintained on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
7. Permittee shall maintain steam atomizing pressure above fuel pressure to provide adequate fuel atomization. Fuel pressure and steam atomizing pressure shall be recorded at least once per shift and records shall be maintained on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
8. Permittee shall use tanks to store materials listed in Appendix E or other materials complying with Specific Condition 9. Records of the contents of each tank shall be kept on-site for inspection by the Office of Environmental Compliance, Surveillance Division.
9. Permittee will use a new raw material within a process when:
 - a. The vent(s) from the affected process continues to be routed to the best control device, in terms of control, that is appropriate for the new potential pollutant.
 - b. The potential to emit for any new toxic air pollutant to be emitted is less than the minimum emission rate listed in LAC 33:III.Chapter 51, Table 51.1.
 - c. The potential to emit for any existing toxic air pollutants emissions remain below the minimum emission rate. In cases where the Minimum emission rate for a specific toxic air pollutant is currently exceeded, the permittee shall not increase emissions of that Toxic air pollutant without getting prior approval from the Office of Environmental Services/ Permits Division/ Municipal and Commercial Waste Section/ Air Toxics Group.
 - d. The source VOC emissions rate from the affected processes shall remain below its permitted annual emissions rate.
 - e. The changes in emissions would not require new source review for prevention of

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- significant deterioration and would not trigger the applicability of any federally applicable requirement.
- f. No enforceable permit conditions are necessary to ensure compliance with any applicable requirement.
- g. A written notice addressing items a. – f. of this Specific Condition shall be submitted to LDEQ/Office of Environmental Services/Permits Division at least 30 calendar days prior to proposed use of the new raw material and use of the new raw material will proceed only if no objections are received from LDEQ within 30 days of receipt of the written notice. A written notice of the use of a new raw material shall be sent to LDEQ/Office of Environmental Services/Permits Division within 7 calendars days of initial use of the raw material.
10. In accordance with LAC 33:III.507.G, permittee may use a package boiler under the following conditions:
- a. Permittee shall provide at least seven days prior to use of the package boiler(s) to the LDEQ, Office of Environmental Services, Permits Division, a description of the change, the date on which the change will occur, any change in emissions, and any permit term or condition which is no longer applicable.
- b. Permittee may use a package boiler(s) for a temporary period during scheduled shutdowns and periods of turnaround if the boiler is of equal or smaller capacity than the primary boiler unit(s), is not used in conjunction with the primary unit(s) [except for short durations when shutting down the primary operating unit (maximum of 24 hours) and when starting up the primary operating unit until it reached steady-state operation (maximum of 72 hours)] and does not increase emissions of or the potential-to-emit any regulated air pollutant.
- c. Permittee shall burn natural gas in the package boiler(s) only.
- d. Permittee shall operate the package boiler for a maximum of three (3) months. A written notice requesting an extension for use of the package boiler(s) shall be submitted to LDEQ/Office of Environmental Services/Permits Division at least 30 calendar days prior to commencement of the extension period. Permittee may proceed only if no objections are received from LDEQ within 30 days of receipt of the written notice. The notification must include a justification for the extension and a final date for the extension.
- e. Permittee shall record the operating time of the package boiler(s) and maintain these records on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Emissions from the package boiler shall be included in the annual report.
- f. Permittee shall comply with all applicable requirements of 40 CFR 60 Subpart Dc/Db, whichever is applicable.
11. The toxic air pollutant (TAP) emission rates set forth in the EIQ forms and the Annual Emission Rate tables are State-Only emission limits and are not federally enforceable because LAC 33:III.Chapter 51 is not included in the State Implementation Plan (SIP), 40 CFR 52.970.

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Averaging periods for maximum hourly emission limits for TAPs are based on the averaging period for the underlying ambient standard (e.g., 8-hour or annual average, where applicable) as set forth in LAC 33:III.5112 Table 51.2. Averaging periods for maximum hourly emission limits for criteria pollutants are based on the averaging period for the underlying ambient standards set forth in 40 CFR Part 50. Pursuant to LAC 33:III.5109.B, permittee shall determine the status of compliance, beyond the source's property line, with applicable ambient air standards listed in LAC 33:III.5112 Table 51.2 for any toxic air pollutant emitted at a rate equal to or greater than the minimum emission rate in LAC 33:III.5112 Table 51.1.

12. Emissions from the startup and shutdown activities from the Regenerative Thermal Oxidizer (RTO) System, Emission Point No. 1-03, and Enclosed Flare/Combustor System, Emission Point No. 2-03, shall not exceed the maximum hourly rate or average annual tons per year emission limits identified by Emission Point No. 1-03/2-03 – SU/SD in Appendix B. Emission in excess of these limits shall be considered a deviation and shall be reported as per General Condition R of this permit.

Permittee shall calculate and record the emissions each year. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. These calculated emissions shall be reported under the Startup/Shutdown emissions by March 31 for the preceding year(s).

Nothing in this Specific Condition shall be construed to exempt the reporting of emissions from upsets or malfunctions in accordance with LAC 33:III.507.J or LAC 33:I.Chapter 39. The emissions described in this Specific Condition are authorized to the extent that they result from any of the following:

- A planned shutdown or startup, such as those following planned maintenance or turnaround;
- A partial shutdown and restart following a malfunction or upset event, where preplanned adjustments or controls to reduce or minimize emissions are used.

13. Permittee shall operate the Regenerative Thermal Oxidizer (RTO) System, Emission Point No. 1-03, and Enclosed Flare/Oxidizer System (EF/O), Emission Point No. 2-03, (Oxidizer mode – backup to RTO) within the following parameters whenever process waste gases are being controlled:

- Combustion Chamber Temperature of RTO – 1,400 F minimum (3-hr average)
 RTO Operating Temperature set point >=1,550 F
- Combustion Chamber Temperature of EF/O – 1,400 F minimum (3-hr average)
 EF/O (Oxidizer mode) Operating Temperature set point >=1,650 F

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If the RTO temperature drops below 1,400 F, the system is designed to divert the vent gases to the EF/O (Oxidizer mode). If the EF/O fails or shuts down, then the system will be in shut down mode.

14. For the Regenerative Thermal Oxidizer (RTO) and Enclosed Flare/Oxidizer System, the following operating parameters shall be monitored and recorded as directed when in operation and receiving process gases:
 - a. Combustion Chamber Temperature - Recorded at least once per hour
 - b. Combustion Natural Gas Usage – Recorded Daily

Records shall be retained in electronic or hard copy form and made available for inspection by the Office of Environmental Compliance, Surveillance Division.

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE Emission Inventory Questionnaire (EIQ) for Air Pollutants

Company Name

MeadWestvaco South Carolina, LLC

Plant location and name (if any)

DeRidder Plant

Date of submittal

December 2006

Source ID number

Regenerative Thermal Oxidizer Unit (RTO)
and Enclosed Oxidizer/Flare Unit (EOF) –
Start Up/Shut Down

Descriptive name of the equipment served by this stack or vent sources)

Approximate location of stack or vent (see instructions on how to determine location of area sources)

UTM zone no.

 15 Horizontal coordinate **472,700 mE** 16 Vertical coordinate **3,410,200 mN**

Stack and Discharge Physical Characteristics [Change yes X no]

Height of Stack above grade (ft)

80

Diameter (ft) or stack discharge area (ft²)

3.00

 ft ft²

Stack gas exit temperature (°F)

250

Operating Characteristics

Stack gas flow at process conditions, net at standstill (ft³/min)

12,000

Stack gas exit velocity (ft/sec)

30

Date of construction/modification

2004

Operating rate (Max) or tank capacity

N/A

Type of fuel used and heat input (see Instructions)

Type of fuel

Heat Input (MM BTU/hr)

Operating Characteristics

Percent of annual throughput of pollutants through this emission point

Dec-Feb

Mar-May

Jun-Aug

Sep-Nov

hrs/day

days/wk

wk/yr

Normal operating time of this point

Operating Rate

25%

25%

25%

25%

24

7

52

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total Reduced Sulfur (TRS)	000	0	0.183	0.913	0.219	2	Add	
Total VOC	000	0	38.092	190.461	3.809	2	Change	
Acetaldehyde	000	0	0.018	0.091	0.002	2	Change	
Acrylic acid	000	0	0.010	0.048	0.001	2	Change	
Ammonia	000	0	0.002	0.009	0.093	2	Change	
Benzene	000	0	0.035	0.175	0.004	2	Change	
n-Butanol	000	0	0.204	1.020	0.020	2	Change	
Carbon disulfide	000	0	<0.001	0.002	<0.001	2	Change	
Carbonyl sulfide	000	0	0.024	0.122	0.009	2	Change	
Catechol	000	0	<0.001	0.001	<0.001	2	Change	

<p>LOUISIANA</p> <p>SINGLE POINT/AREA/VOLUME SOURCE</p> <p>Emission Inventory Questionnaire (EIQ)</p> <p>for Air Pollutants (CONTINUED)</p>	
Source ID number 1-03/2-03 - SU/SD	<p>Descriptive name of the equipment served by this stack or vent Regenerative Thermal Oxidizer Unit (RTO) and Enclosed Oxidizer/Flare Unit (EOF) - Startup/Shut Down)</p> <p>Company Name MeadWestvaco South Carolina, LLC</p>

Air Pollutant Specific Information						
Pollutant	Control Equipment Code	Control Equipment Efficiency	Maximum (lbs/hr)	Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code
Ethyl acrylate	000	0	0.0033	0.017	<0.001	2
Ethyl benzene	000	0	0.017	0.086	0.002	2
Formaldehyde	000	0	11.122	55.608	1.112	2
Glycol ethers (as defined)	000	0	<0.001	0.002	<0.001	2
n-Hexane	000	0	0.173	0.864	0.017	2
Hydrogen sulfide	000	0	0.313	1.563	1.350	2
Maleic anhydride	000	0	0.012	0.061	0.001	2
Methanol	000	0	0.053	0.266	0.005	2
Methyl ethyl ketone	000	0	<0.001	<0.001	<0.001	2
Methyl iodide	000	0	0.313	1.563	0.031	2
Methyl methacrylate	000	0	0.032	0.160	0.003	2
Naphthalene	000	0	0.577	2.885	0.058	2
Phenol	000	0	0.006	0.031	0.001	2
Styrene	000	0	0.175	0.873	0.017	2
Toluene	000	0	16.167	80.833	1.617	2
Xylene (mixed isomers)	000	0	0.035	0.173	0.003	2
Zinc compounds	000	0	0.114	0.571	0.011	2

During downtime (due to trips from unforeseen and unpreventable upsets such as: power failure, instrument failure, etc. of approximately 100 times/yr at 5 minutes/event.) of RTO/EOF, the SD emissions are from the shutdown process (approximately 5 minutes to bottle up the operations at MR, HR, PR, Acrylics). The area process waste gases and Refinery Hot Well emissions vent to atmosphere from air dilution valve, Hotwell PRD, and EOF. Startup emissions are normal emissions except for residual emissions from waste gas in the vent system, which are accounted for in the shut down emissions.

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<u>Fuel</u>	<u>Heating Value</u>	<u>Units</u>
Tall Oil Pitch	13,000 – 22,000	BTU/lb
Crude Tall Oil Sludge	> 5,000	BTU/lb
Pond 1 Sludge	> 5,000	BTU/lb
Hazardous Fuel, Tall Oil Light Ends	15,000 – 18,000	BTU/lb
Hazardous Fuel, Filter Cake	11,000 – 16,000	BTU/lb
Acrylics Spent Organics	8,000 – 16,000	BTU/lb
Sparge Oils / HC-920/921	10,000 – 20,000	BTU/lb
Hazardous Fuel, Total Blend	15,000 – 18,000	BTU/lb
Column 3 Bottoms	12,000 – 15,000	BTU/lb
Reaction Oils	10,000 – 19,000	BTU/lb
No. 6 Fuel Oil	17,000 – 20,000	BTU/lb
Waste Resin	12,000 – 16,000	BTU/lb
Crude Tall Oil	14,000 – 18,000	BTU/lb
Crude Fatty Acid (with Zinc)	12,000 – 16,000	BTU/lb
Lube & Hydraulic Oils	8,000 – 19,000	BTU/lb
Liqro APD	12,000 – 19,000	BTU/lb
Tall Oil Heads	15,000 – 18,000	BTU/lb
No. 2 Fuel Oil	17,000 – 20,000	BTU/lb
Waste Rosin	12,000 – 16,000	BTU/lb
Distillate Tall Oil	8,000 – 15,000	BTU/lb
Natural Gas 1	1.01 - 1.10	MM BTU/M scf
Natural Gas 2	1.01 - 1.10	MM BTU/M scf
Crude Fatty Acid (no Zinc)	12,000 – 16,000	BTU/lb
Tall Oil Fatty Acid	12,000 – 16,000	BTU/lb

The heating value ranges are based on past analytical analysis or published data. These or the most recent fuel heating values shall be used to calculate PM₁₀, SO₂, and NO_x emissions.

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Emission Factors* (lb Pollutant / MM Btu Fuel)

<u>Fuel</u>	<u>PM₁₀</u>	<u>SO_X</u>	<u>NO_X</u>	<u>CO</u>	<u>VOC</u>
Tall Oil Pitch	0.5037	0.2307	0.1816	0.016	0.005
Crude Tall Oil Sludge	10.2564	8.8889	0.1629	0.028	0.018
Pond 1 Sludge	5.0918	2.3333	0.1629	0.028	0.018
Hazardous Fuel, Tall Oil Light Ends	0.2668	0.2833	0.1629	0.028	0.018
Hazardous Fuel, Filter Cake	0.2668	0.2833	0.1629	0.028	0.018
Acrylic Spent Organics	0.2668	0.2833	0.1629	0.028	0.018
Sparge Oils	0.2668	0.2833	0.1629	0.028	0.018
Hazardous Fuel, Total Blend	0.2668	0.2833	0.1629	0.028	0.018
Column 3 Bottoms	0.7274	0.0767	0.1816	0.016	0.005
Reaction Oils	0.5819	0.295	0.2906	0.0326	0.005
No. 6 Fuel Oil	0.0727	0.7168	0.2906	0.0326	0.005
Waste Resin	0.2109	0.5079	0.1816	0.016	0.005
Crude Tall Oil	0.0873	0.0767	0.1816	0.016	0.005
Crude Fatty Acid (with Zinc)	0.08	0.0196	0.1702	0.0355	0.0054
Lube & Hydraulic Oils	0.0727	0.7168	0.2906	0.0326	0.005
Liqro APD	0.0582	0.5682	0.1816	0.016	0.005
Tall Oil Heads	0.0364	0.1294	0.1702	0.0355	0.0054
No. 2 Fuel Oil	0.0234	0.334	0.1702	0.0355	0.0054
Waste Rosin	0.0145	0.1270	0.1816	0.0160	0.0050
Distillate Tall Oil	0.0087	0.0767	0.1816	0.0160	0.0050

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Emission Factors* (lb Pollutant / MM Btu Fuel)

<u>Fuel</u>	<u>PM₁₀</u>	<u>SO_X</u>	<u>NO_X</u>	<u>CO</u>	<u>VOC</u>
Natural Gas	0.0075	0.0006	0.2745	0.0824	0.0054
Crude Fatty Acid (No Zinc)	0.0058	0.0196	0.1702	0.0355	0.0054
Tall Oil Fatty Acid	0.0022	0.0110	0.1702	0.0355	0.0054

* Emission factors were based on stack testing on March 10 -13, 1987 for SO₂, NO_X, CO VOCs, and PM using Tall Oil Pitch and Hazardous Waste Fuel as fuel to the boiler. AP-42 factors and sulfur content in fuel were also used to develop emission factors.

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Emission Point	Description	Contents
4-75	Tank T-1	Crude Tall Oil
5-75	Tank T-5	Crude Tall Oil
6-75	Tank T-6	Crude Tall Oil
7-75	Tank T-2	Crude Tall Oil
8-75	Tank T-3	Crude Tall Oil
9-75	Tank T-4	Crude Tall Oil
10-75	Tank T-18	Crude Tall Oil
11-75	Tank T-19	Crude Tall Oil
12-75	Tanks T-20 through T-31	Tall Oil Fractions
13-75	Tanks T-40 through T-49	Tall Oil Fractions
18-75	Tank L-6	Tall Oil Fractions
19-75	Tank L-7	Tall Oil Fractions, Ink Oils/Resin Solutions
22-75	Tank T-103	Unleaded Gasoline
38-75	Tank STO 1	Tall Oil Fractions, Wastewater
39-75	Tank STO 2	Tall Oil Fractions
40-75	Tank STO 3	Wastewater (Acrylics)
44-75	Tank T-70	Reaction Oil, Tall Oil Fractions
47-75	Tank T-75	Reaction Oil, Tall Oil Fractions
48-75	Tank T-76	Reaction Oil, Tall Oil Fractions
3-80	T-65	Rosin, Rosin Products, Fuel Oil Products
4-80	T-64	Rosin, Rosin Products, TOFA Ester, ink Oils/Resin Solution, Fuel Oil Products
4-84	ST-1	Resinates
5-84	ST-2	Resinates
6-84	ST-3	Resinates
7-84	ST-4	Toluene
10-84	ST-7	Aromatic 150, ARLO, linseed oils
11-84	ST-8	HC-920
12-84	ST-9	Lactol Spirits, Reclaim Solvents
13-84	ST-10	Rotosolve, Reclaim Solvents
14-84	ST-11	Reclaim Solvents, Toluene
15-84	ST-12	Reclaim Solvents
16-84	ST-13	Reclaim Solvents

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Emission Point	Description	Contents
17-84	ST-14	Reclaim Solvents
20-84	ST-18	Rosin, Rosin Products
21-84	ST-19	Maleic Anhydride
7-87	RS-2	Crude Tall Oil, Tall Oil Fractions
8-87	RS-3	Crude Tall Oil, Tall Oil Fractions
9-87	ST-21	Toluene, Reclaim Solvent
10-87	ST-23	Toluene, Reclaim Solvent
10-87a	Tank ST-23A	Butanol
12-87	ST-25	C3 Bottoms, Rosin, Gum Rosin, Pitch
14-87	Tank A-4	Fatty Acid
15-87	V-11	Modified Rosin, Ink Oil, Ink Oil Products (Resin Solutions)
16-87	ST-22	Rosin, Rosin Products
18-87	T-79	Hazardous Waste Fuel
19-87	T-78	Hazardous Waste Fuel
20-87	T-112	Reaction Oil
21-87	T-69	Rosin, Rosin Products, Ink Oil, Ink Oil Products, Fatty Acid Products
1-88	ST-26	Resinates, Toluene, Reclaimed Solvents
2-88	ST-27	Reclaimed Solvents Tank
4-88	RS-20	Rosin, Rosin Product
1-89	ST-15	Reclaimed Solvents, Toluene
2-89	ST-16	Reclaimed Solvents, Toluene
3-92	T-201	Ethyl Acrylate (mono-), Glycol Ethers, Fuel Oil Products
4-92	T-202	Butyl Acrylate (mono-), Glycol Ethers, Fuel Oil Products
5-92	T-203	Ethyl Hexyl Acrylate, Solvents (diesel, Isopar, etc.)
6-92	T-204	Methyl-methacrylate, Solvents (diesel, Isopar, etc.)
7-92	T-205	Styrene, Fuel Oil Products
8-92	T-206	Alpa-methyl styrene, Solvents (diesel, Isopar, etc.)
9-92	T-209	Methacrylic Acid, Solvents (diesel, Isopar, etc.)
10-92	T-213	Acrylic acid, Fuel Oil Products
11-92	T-214	Dipropylene Glycol, Monomethylether, Fuel Oil Products
12-92	T-215	Isopropyl Alcohol, Solvents (diesel, Isopar, etc.), Butyl Blends
3-93	T-63	Rosins, Ink Oils / Resin Solutions, Amines, Fatty Acids

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
APPENDIX E

DeRidder Facility
Agency Interest No.: 1514
MeadWestvaco South Carolina, LLC
DeRidder, Beauregard Parish, Louisiana

Emission Point	Description	Contents
4-93	T-74	Reaction Oil, Tall Oil Fractions
15-93	RS-21	Rosin, Rosin Products
16-93	T-211	Acrylics Emulsions
17-93	T-212	Acrylics Emulsions
18-93	T-216	Acrylics Emulsions
3-94	Quench Tank	Tall Oil Fractions
4-94	ST-6	Dicyclopentadiene
5-94	T-58	Rosin, Rosin Products, Intermediates, Ink Oils / Resin Solutions
6-94	T-59	Rosin, Rosin Products, Intermediates, Ink Oils / Resin Solutions
7-94	T-62	Rosin, Rosin Products, Intermediates, Ink Oils / Resin Solutions, Fuel Oil Products
1-95	L-1	Ink Oil (Currently Out of Service)
2-95	L-2	Ink Oil (Currently Out of Service)
3-95	L-3	Ink Oil (Currently Out of Service)
4-95	L-4	Ink Oil (Currently Out of Service)
8-95	RS-10	Crude Tall Oil, Tall Oil Fractions
9-95	RS-11	Crude Tall Oil, Tall Oil Fractions
10-95	RS-12	Crude Tall Oil, Tall Oil Fractions
11-95	RS-13	Crude Tall Oil, Tall Oil Fractions
1-04	Crude Tall Oil Storage Tank	Crude Tall Oil
2-04	Crude Tall Oil Storage Tank	Crude Tall Oil
9-04	Finished Product Tank	Asphalt Emulsifier products, amines and fatty acids, rosin and tall oil fractions
10-04	Finished Product Tank	Asphalt Emulsifiers, Amines
11-04	Raw Material Tank	Asphalt Emulsifiers, Amines
12-04	Raw Material Tank	Asphalt Emulsifiers, Amines
13-04	Styrene Raw Material Tank	Styrene
14-04	Raw Material Storage Tank	Methyl Methacrylate Raw Material Storage
15-04	Raw Material Storage Tank	Ethyl Hexyl Acrylate
16-04	Product Storage Tank	Acrylic Emulsions
17-04	Product Storage Tank	Acrylic Emulsions
18-04	Product Storage Tank	Acrylic Emulsions

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
APPENDIX E

DeRidder Facility
Agency Interest No.: 1514
MeadWestvaco South Carolina, LLC
DeRidder, Beauregard Parish, Louisiana

Emission Point	Description	Contents
19-04	Product Storage Tank	Acrylic Emulsions
20-04	Product Storage Tank	Acrylic Emulsions
21-04	Product Storage Tank	Acrylic Emulsions
22-04	Product Storage Tank	Acrylic Emulsions
23-04	Product Blend Tank	Acrylic Emulsions
24-04	Product Drop Tank	Acrylic Emulsions
25-04	Pre-Mix Vessel	Acrylic Emulsions
26-04	Presolution Mix Tank	Acrylic Emulsions
27-04	Storage Tank	Heat Transfer Fluid/Hot Oil
28-04	Storage Tank	Rosin
29-04	Storage Tank	Rosin
30-04	Storage Tank	Maleic Anhydride
31-04	Storage Tank	Nonylphenol
32-04	Storage Tank	LRO-90
33-04	Storage Tank	DCPD
34-04	Storage Tank	HC-920
35-04	Storage Tank	Tall Oil Fractions
36-04	Storage Tank	Tall Oil Fractions
CFA	CFA Zinc Tank	Fatty Acid
DTA	Drop Tank A	Resinates, Ink Oils / Resin Solutions
DTB	Drop Tank B	Resinates
F-1	Tank F-1	Tall Oil Fractions, Liqro-APD
F-2	Tank F-2	Tall Oil Fractions, Liqro-APD
F-3	Tank F-3	Tall Oil Fractions, Liqro-APD
F-4	Tank F-4	Tall Oil Fractions, Liqro-APD
F-6	Tank F-6	Tall Oil Fractions, Liqro-APD
H-6	Tank H-6	Reaction Oil
H-7	Tank H-7	Rosin
Resin Drain Tank		Resinate
RS-1	Tank RS-1	Pitch
ST-X1	Tank ST-X1	Butanol
ST-X2	Tank ST-X2	n-Butyl alcohol

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
APPENDIX E

DeRidder Facility
Agency Interest No.: 1514
MeadWestvaco South Carolina, LLC
DeRidder, Beauregard Parish, Louisiana

Emission Point	Description	Contents
T-80-731	TK-80	Ink Oil, Resin Solutions
T-81-731	TK-81	Ink Oil
T-82-731	TK-82	Ink Oil
T-83-731	TK-83	Ink Oil
TK-A	Slurry TK-A (Resinates)	Toluene, Reclaim Solvent, Metal Oxides
TK-B	Slurry TK-B (Resinates)	Toluene, Reclaim Solvent, Metal Oxides
TK-C	Slurry TK-C (Resinates)	Toluene, Reclaim Solvent, Metal Oxides
V-1	Tank V-1	Toluene, Reclaim Solvent, Water
V-2	Tank V-2	Toluene, Reclaim Solvent
V-8	Tank V-8	Reaction Oil (Currently Out of Service)
V-9	Tank V-9	Reaction Oil (Currently Out of Service)
V-113	Tank V-113	Acrylic Organics

This Table may not be all inclusive. There are some "insignificant activity tanks" that are not listed and some of the listed tanks may have additional material storage capabilities based on their permitted emission rates.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]

40 CFR PART 70 GENERAL CONDITIONS

- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

40 CFR PART 70 GENERAL CONDITIONS

- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 - 5. changes in emissions would not qualify as a significant modification; and
 - 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

40 CFR PART 70 GENERAL CONDITIONS

- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

40 CFR PART 70 GENERAL CONDITIONS

- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.
- The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the applications and Emission Inventory Questionnaires dated November 8, 2006, and December 29, 2006, as well as additional information dated May 23, 2007, and July 2, 2007.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
- B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
1. Report by June 30 to cover January through March
2. Report by September 30 to cover April through June
3. Report by December 31 to cover July through September
4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.